

Chimney copy at  
Catalpa 1992-4

Completed only as far west as  
the Colorado River.

Museum No.	Collector's No.	Name	Sex and age	Date
7566		<i>Harporhynchus longirostris penicillatus</i>	♀ ad.	Feb. 1, 1892
7567		<i>Zonotrichia querula</i>	♂ ad.	do
7568		<i>Cardinalis cardinalis</i>	♂ ad.	do
7569		" "	♀ ad.	do
7570		" "	♀ ad.	do
7571		<i>Carpodacus mexicanus frontalis</i>	♂ juv.	Feb. 2, 1892
7572		<i>Otocoris alpestris</i>	♀ ad.	Feb. 4, 1892
7573		<i>Heleodytes brunneicapillus</i>	♂ ad.	do
7574		<i>Lanius ludovicianus</i>	♂ ad.	do
7575		<i>Zonotrichia intermedia</i>	♀ ad.	do
7576		" "	♂ ad.	do
7577		" "	♂ juv.	do
7578		<i>Corvus cryptoleucus</i>	♂ ad.	do
7579		<i>Lanius ludovicianus</i>	♂ ad.	Feb. 5, 1892
7580		?	♂	do
7581		?	♀	do
7582		<i>Agelaius phoeniceus</i>	♀ ad.	do
7583		" "	♀ ad.	do
7584		" "	♀ ad.	do
7585		" "	♀ ad.	do
7586		" "	♀ ad.	do
7587		" "	♀ ad.	do
7588		<i>Corvus cryptoleucus</i>	♂ ad.	Feb. 6, 1892
7589		" "	♀ ad.	do
7590		<i>Heleodytes brunneicapillus</i>	♀ ad.	do
7591		<i>Salpinctes obsoletus</i>	♂ ad.	do
7592		" "	♂ ad.	do
7593		<i>Tymothorus bewickii leucogaster</i>	sex?	do
7594		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do
7595		<i>Spizella breweri</i>	♀ ad.	do
7596		<i>Otocoris alpestris</i>	♀ ad.	Feb. 7, 1892
7597		" "	♀ ad.	do

## Locality

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Fort Worth, Tarrant Co., Texas.	292	347	108	129	28	36	31
do	197	280	90	92	11.5	27	24
do	237	310	100	114	18.	26	24
do	215	293	90	98	16.	27	23
do	225	290	92	107		27	23
El Paso, Texas.	150	251	80	65.5	12	18	17.5
do	168	308	96	69	10	21	17
do	212	288	91	85	24.5	27	23
do	223	320	101	105	15.5	28	21
do	168	244	78	78	11.	22.	22
do	162	236	76	72	11.	22.5	21
do	172	257	80	78	11.	23.5	22
do	495	1020	340	211	49	62	50
do	238	340	103	112	17	29	28
do	175	331	102	70.5	10	22	19
do	180	339	107	72.	20	19	19
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	531	1080	355	221	52	66	69.
do	504	1005	342	208	48	60	54
do	212	275	88	84	23.	29	22
do	156	236	73	57	20	22	18.5
do	158	239	76	57	20	21	18.
do	147	177	58	64	14	18	16
do	224	318	101	110	15.5	25	24
do	140	210	67	68	10.	18.5	17
do	172	315	99	69	11.	20	18
do	169	315	99	66	11.	21	18

Museum No.	Collector's Number	Name	Sex & Age	Date
7598		<i>Otocoris alpestris</i>	♂ ad.	Febr. 7, 1892.
7599		<i>Salpinctes obsoletus</i>	♂ ad.	Feb. <del>2</del> <sup>3</sup> , 1892
7600		<i>Corvus cryptoleucus</i>	♂ ad.	Febr. 3, 1892
7601		" "	♀ ad.	do
7602		<i>Lanius ludovicianus</i>	♀ ad.	do
7603		<i>Amphispiza belli nevadensis</i>	♂ ad.	do
7604		<i>Salpinctes obsoletus</i>	-ad.	Febr. 8, 1892
7605		<i>Corvus cryptoleucus</i>	♀ ad.	Febr. 9, 1892
7606		" "	♂ ad.	do
7607		<i>Calamospiza melanocorys</i>	♂ ad.	Feb. 9, 1892
<del>7608</del>		<del><i>Corvus cryptoleucus</i></del>		
7608		<i>Oroscoptes montanus</i>	♂ ad.	do
7609		<i>Carpodacus mexicanus frontalis</i>	♂ ad.	Febr. 10, 1892
7610		<i>Zonotrichia intermedia</i>	♂ juv.	do
7611		<i>Salpinctes obsoletus</i>	♂ ad.	do
7612		<i>Helodytes brunneicapillus</i>	♂ ad.	Febr. 11, 1892
7613		" "	♀ ad.	do
7614		<i>Zonotrichia intermedia</i>	♂ ad.?	do
7615		<i>Accipiter velox</i>	♂ ad.	Febr. 12, 1892
7616		<i>Lanius ludovicianus</i>	♀ ad.	do
7617		<i>Curiparus flaviceps</i>	sex?	do
7618		<i>Junco</i>	♂	do
7619		<i>Spizella breweri</i>	♂ ad.	do
7620		<i>Otocoris alpestris</i>	♀ ad.	do
7621		" "	♀ ad.	Febr. 13, 1892
7622		" "	♂ ad.	do
7623		<i>Amphispiza belli nevadensis</i>	♂ ad.	do
7624		<i>Otocoris alpestris</i>	♂ ad.	Feb. 14, 1892
7625		<i>Sayornis saya</i>	♂ ad.	Feb. <del>15</del> <sup>15</sup> , 1892
7626		<i>Amphispiza bilineata</i>	♂ ad.	Febr. 16, 1892
7627		<i>Tyrannus verticalis bairdi</i>	♂ ad.	do
7628		<i>Junco</i>	sex?	Febr. 17, 1892
7629		"	♀ ad.	do

Locality	Length	Alar Expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
El Paso, Texas	182	340	110	81	12	23	18
do	155	242	73	60	17	22	17.5
do	507	1060	365	219	bill ab- normal 54 height 23	61	55
do	500	1080	363	210	50	59	53
do	233	327	105	110	16.5	27.5	23
do	171	239	81	82.5	10	22.5	18
do	151	227	71	55	17	21	17
do	526	1090	364	235	52	60	57
do	520	1080	353	221	54	65	58?
do	178	294	87	71	13	26	24
do	224	310	95	93	18	27?	27
do	158	251	81	68	10	19.5	19
do	175	250	78	77.5	11	25	21
do	154	235	72	59	17	22	19
do	215	287	92	85	24	29	26
do	209	272	83	81	21.5	27	23.5
do	165	239	77	75	11	23	21.5
do	289	551	180	157	11	46	38
do	232	320	101	107	15	25	21
do	112	180	57	53	9	16.5	12
do	161	250	84	73	11	21	19
do	139	198	64	61	9	18	16.5
do	170	312	103	71	10.5	20	16
do	170	320	101	67	11.5	21	17
do	191	357	116	82	12.5	23	21
do	168	264	83	77	11	23	18.5
do	183	340	115	81	12	21.5	19
do	206	341	110	87	17	21	19
do	146	225	71	64	11	20.5	18
do	186	328	108	70	24	18	19
do	157	244	77	68	11	22	18
do	154	242	75	66	11	22	18



Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
7630		<i>Otocoris alpestris</i>	♂ ad.	Feb. 17, 1892	El Paso, Texas.	191	350	117	83	11.5	20	17
7631		<i>Amphispiza bilineata</i>	sex?	do	do	149	218	73	68	11.	17	15.5
7632		<i>Salpinctes obsoletus</i>	♂ ad.	do	do	152	229	75	57.5	17.	21	17.
7633		<i>Corvus cryptoleucus</i>	♂ ad.	Feb. 20, 1892	do	545	1085	381	233	5.6	60	51
7634		" "	♀ ad.	do	do	505	1027	355	216	4.9	60	44
7635		<i>Zonotrichia intermedia</i>	♂	do	do	179	261	85	80	11	23	22
7636		<i>Pyrhuloxia</i>	ad.	do	Isletta, El Paso Co., Texas	219	310	99	109	13	26	24
7637		<i>Aphelocoma</i>	♀ ad.	do	do	298	402	130	140	25	40	31
7638		<i>Harporhynchus crissalis</i>	♀ ad.	do	do	297	323	101	125	36	33	29
7639		<i>Dryobates scalaris bairdi</i>	♂ ad.	Febr. 22, 1892	El Paso, Texas,	186	342	111	74	21	18	18.5
7640		" " "	♀ ad.	do	do	193	351	112	74	19.5	19.5	20.
7641		<i>Sialia mexicana bairdi</i>	♂ ad.	do	do	172	320	114	68	12.5	21.	20
7642		" " "	♂ ad.	do	do	179	330	110	71	12.5	22.	20
7643		<i>Zonotrichia intermedia</i>	♀	Febr. 23, 1892	do	171	246	77	76	10.7	23	21
7644		<i>Sayornis saya</i>	♂ ad.	do	do	202	335	108	88	18.	21	16.5
7645		<i>Corvus cryptoleucus</i>	♂ ad.	do	do	545	1080	360	216	5.3	63	55
7646		<i>Junco</i>	♂ ad.	Febr. 25, 1892	do	163	258	86	74.5	10.5	23	19
7647		"	♀ ad.	do	do	164	240	75	71.	11.	22	20
7648		<i>Zonotrichia intermedia</i>	sex?	do	do	176	249	81	79	11.	26	19
7649		<i>Sayornis saya</i>	♂ ad.	Feb. 27, 1892	do	200	326	108	88	16	20	17
7650		<i>Zonotrichia</i>	♂	do	do	169	230	72	74	10.5	22.5	20
7651		<i>Carpodacus mexicanus frontalis</i>	♂ juv.	do	do	156	254	82	69	10.	19.	19.
7652		<i>Corvus cryptoleucus</i>	♂ ad.	do	do	525	1080	356	226	5.2	67	52
7653		<i>Ardea herodias</i>	♀ ad.	do	do	1120*	1770	485	185	134	170	118
7654		<i>Sialia mexicana bairdi</i>	♂ ad.	do	do	—	—	—	—	—	—	—
7655		" " "	♀ ad.	do	do	—	—	—	—	—	—	—
7656		<i>Dryobates scalaris bairdi</i>	♀ ad.	do	do	—	—	—	—	—	—	—
7657		<i>Carpodacus mexicanus frontalis</i>	♂ juv.	do	do	—	—	—	—	—	—	—
7658		<i>Spizella breweri</i>	♂ ad.	do	do	—	—	—	—	—	—	—
7659		<i>Phalaenoptilus nuttallii</i>	♂ ad.	Febr. 29, 1892	do	204	433	147	88	6.5	18	21.5
7660		<i>Accipiter cooperi</i>	♀ ad.	March 2, 1892	do	475	870	272	234	17.5	68	56.
7661		<i>Totanus melanoleucus</i>	♂ ad.	March 4, 1892	do	359	645	202	83	5.9	65	43.5

\*Additional measurements on page 16 of record book K.

Museum No	Collector's No	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
7662		<i>Spizella socialis arizonae</i>	♂ ad.	March 14, 1892	Tuarez, Chihuahua, Mexico	145	335	77	68	9.2	17	16
7663		" " "	♂ ad.	do	do	150	337	78	68	9.2	17	16
7664		<i>Aegialitis vocifera</i>	♂ ad.	do	do	243	504	163	92	19	34	25
7665		<i>Scolecophagus cunicularia hypogaea</i>	♂ ad.	March 15, 1892	Near Tuarez, Chihuahua, Mexico	240	640	186	96	14.5	43	29
7666		<i>Turdus aonalaschkae</i>	♂ ad.	March 16, 1892	Mex. Bound. Line, 15 m. W. of El Paso.	174	270	189	73	12.3	27	21
7667		<i>Amphispiza belli nevadensis</i>	♂ ad.	do	do	171	257	84	81	12.	22	20
7668		<i>Spizella breweri</i>	♂ ad.	March 19, 1892	50 Miles west of El Paso, at Monument No. 15, M. B. L.	141	206	66	67	9.3	18	16.5
7669		<i>Regulus calendula</i>	♂ ad.	do	do	116	190	62	49	8.5	19	13
7670		<i>Sturnella</i>	♂ ad.	do	do	261	430	131	86	37	40	34
7671		<i>Scolecophagus cunicularia hypogaea</i>	♂ ad.	March 20, 1892	do	240	620	180	90	14.	45	30
7672		<i>Buteo borealis calurus</i>	♂ ad.	March 19, 1892	do	545	1300	400	225	24	88	62
7673		<i>Circus hudsonius</i>	♀	March 20, 1892	do	530	1230	400	255	19	83	54
7674		<i>Amphispiza belli nevadensis</i>	♂ ad.	do	do	160	245	80	76	10.5	22	18
7675		<i>Sturnella</i>	♂ ad.	March 21, 1892	do	228	366	112	69	30	38	35
7676		<i>Callipepla squamata</i>	♀ ad.	do	do	250	380	120	89	12	31	33
7677		" "	♂ ad.	do	do	260	382	118	87	12	33	32
7678		<i>Lanius calurus</i>	♂ ad.	do	do	199	334	113	91	17	21	18
7679		<i>Spizella breweri</i>	♂ ad.	do	do	137	208	67	67	8.5	17	16
7680		<i>Falco mexicanus</i>	♂ ad.	March 22, 1892	do	420	940	300	177	18.5	55	58
7681		<i>Numenius longirostris</i>	♂ ad.	do	do	550	975	280	118	144	80	47
7682		<i>Cyrtonyx montezumae</i>	♂ ad.	do	do	250	440	132	70	14.	30	35
7683		" "	♂ ad.	do	do	240	430	131	68	14.	30	34
7684		" "	♀ ad.	do	do	225	410	127	64	12.5	29	33
7685		<i>Spizella breweri</i>	♀ ad.	March 23, 1892	do	135	200	65	63	9.	15.5	16
7686		<i>Amphispiza belli nevadensis</i>	♀ ad.	March 25, 1892	do	157	240	77	72	10.3	25	18.5
7687		<i>Oroscoptes montanus</i>	♀ ad.	do	do	225	319	100	94	19.	31.	25
7688		<i>Corvus cryptoleucus</i>	♀ ad.	do	do	513	1060	365	211	50	62	56
7689		<i>Circus hudsonius</i>	♀	March 26, 1892	do	520	1240	403	270	18	82	56
7690		<i>Lanius</i>	♂ ad.	March 27, 1892	do	240	330	106	101	16.5	28	25
7691		<i>Spizella breweri</i>	♂ ad.	March 28, 1892	do	144	205	67	70	9.	17.	15.5
7692		<i>Bubo virginianus pallascens</i>	♂ ad.	do	do	490	1310	373	210	27.	62	65
7693		<i>Junco caniceps</i>	♂ ad.	March 31, 1892	do	171	265	87	82	11.	22.	19.

Museum No.	Collector's No.	Name	Sex and age	Date
7694		<i>Mniarchus cinerascens</i>	♂ ad.	Apr. 1, 1892.
7695		<i>Oreospiza chlorura</i> (Aud.)	♀ ?	do
7696		<i>Pipilo fuscus mesoleucus</i>	♀ ad.	do
7697		<i>Junco caniceps</i>	♂ ad.	Apr. 2, 1892
7698		<i>Pooecetes gramineus confinis</i>	♀ ad.	do
7699		<i>Corvus cryptoleucus</i>	♀ ad.	do
7700		<i>Lanius</i>	♂ ad.	do
7701		"	♂ ad.	do
7702		<i>Calamospiza melanocorys</i>	♀ ad.	Apr. 3, 1892
7703		<i>Sayornis saya</i>	♂ ad.	do
7704		<i>Falco sparverius deserticola</i>	♂ ad.	Apr. 5, 1892
7705		<i>Lanius</i>	♀ ad.	do
7706		<i>Amphispiza belli nevadensis</i>	♀ ad.	do
7707		<i>Sayornis saya</i>	♂ ad.	do
7708		<i>Oreoscoptes montanus</i>	♂ ad.	Apr. 6, 1892
7709		<i>Junco caniceps</i>	♂ ad.	do
7710		<i>Speotyto cunicularia hypogaea</i>	♀ ad.	Apr. 7, 1892.
7711		<i>Sphyrapicus thyroideus</i>	♀ ad.	do
7712		<i>Oreoscoptes montanus</i>	♂ ad.	do
7713		<i>Junco caniceps</i>	♀ ad.	do
7714		<i>Macrorhamphus scolopaceus</i>	♀ ad.	do
7715		<i>Recurvirostra americana</i>	♀ ad.	do
7716		<i>Macrorhamphus scolopaceus</i>	♂ ad.	do
7717		" "	♀ ad.	do
7718		" "	♂ ad.	do
7719		<i>Micropalama himantopus</i>	♂ ad.	do
7720		" "	♂ ad.	do
7721		" "	♂ ad.	do
7722		" "	♂ ad.	do
7723		<i>Totanus melanoleucus</i>	♂ ad.	Apr. 8, 1892
7724		" "	♀ ad.	do
7725		" "	♀ ad.	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
{ Monument No. 15, Mex. Bot. Gard. 59.6 miles west of El Paso, Texas.	225	340	110	105	18.5	23	19
do	189	252	80	89	13.	24	25
do	209	297	95	102	14.7	25	25
do	166	258	86	79	11.5	20	18
do	158	265	82	67	11.	21	19
do	373	1060	365	212	50	63	54
do	237	333	107	110	16.5	29	24
do	240	330	102	107	17.	30	25
do	168	275	86	66	12.5	21	21
do	207	350	111	91	14.	20	19
do	267	580	196	136	12	36	31
do	231	327	103	105	15	26	23
do	164	249	81	77	11.5	20	19
do	200	342	111	91	15.5	21	17
do	225	318	104	97	18.	30	26
{ Mimbres Valley, near Palomas Lakes, Chihuahua, Mexico	166	262	87	77	11.5	21.5	19.5
do	232	625	180	86	18.	43.	29
do	225	415	137	94	25	21	22
do	225	322	103	95	17	32	27
Palomas Lakes, Chihuahua, Mex.	161	241	78	73	11	21.5	18
do	307	500	155	70	70	40	33
do	466	802	242	95	97	100	53
do	285	490	150	65	60	40	34
do	305	500	156	64	70	44	35
do	288	472	149	61	65	40	34
do	221	415	134	59	36	39	30
do	235	418	134	61	41	41	28
do	229	417	132	59	38	39.5	28
do	227	410	131	57	39	41.	27
do	243	595	183	84	54	62	39
do	354	610	193	83	56	63	40
do	356	650	205	84	55	65	40



Museum No.	Collector's No.	Name	Sex and Age	Date
7726		<i>Gallinago delicata</i>	♂ ad.	Apr. 8, 1892
7727		<i>Aegialitis vocifera</i>	♀ ad.	do
7728		<i>Cistothorus palustris</i>	♂ ad.	do
7729		<i>Arthus pensilvanicus</i>	♂ ad.	do
7730		<i>Syringa minutilla</i>	♀ ad.	do
7731		<i>Charitonetta albeola</i>	♂ ad.	do
7732		<i>Orismatura jamaicensis</i>	♀ ad.	do
7733		<i>Aegialitis vocifera</i>	♂ ad.	do
7734		<i>Numenius borealis</i>	♀ ad.	do
7735		<i>Falco fusco-cerulescens</i>	♂ ad.	Apr. 9, 1892
7736		<i>Anas strepera</i>	♀ ad.	do
7737		<i>Spatula clypeata</i>	♂ ad.	do
7738		<i>Anas strepera</i>	♂ ad.	do
7739		" "	♂ ad.	do
7740		<i>Macrorhamphus scolopaceus</i>	♂ ad.	do
7741		" "	♀ ad.	do
7742		" "	♂ ad.	do
7743		<i>Pipilo maculatus megalonyx</i>	♀ ad.	do
7744		<i>Chen hyperborea</i>	♂ ad.	Apr. 10, 1892
7745		<i>Fulica americana</i>	♂ ad.	do
7746		<i>Bolaurus lentiginosus</i>	♂ ad.	do
7747		<i>Circus hudsonius</i>	♀ ad.	do
7748		<i>Syringa minutilla</i>	♂ ad.	do
7749		" "	♀ ad.	do
7750		" "	♀ ad.	do
7751		" "	♂ ad.	do
7752		<i>Spatula clypeata</i>	♂ ad.	do
7753		<i>Anas cyanoptera</i>	♀ ad.	do
7754		<i>Anas discors</i>	♀ ad.	do
7755		<i>Anas carolinensis</i>	♀ ad.	do
7756		" "	♀ ad.	do
7757		<i>Anas cyanoptera</i>	♂ ad.	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Palomas Lakes, Chihuahua, Mex.	276	440	140	65	63	34	38
do	257	500	162	102	18	33	25
do	138	180	56	53	14	20	17.5
do	170	275	87	70	13	23	18
do	150	288	90	43	17.5	17.5	20
do	385	625	180	95	28	33	57
do	345	570	147	65	40	33	64
do	268	530	173	109	20.5	37	28
do	365	720	214	95	63	45	32.5
(Camp near)	390	835	270	193	15.5	47.5	48
do	500	870	263	197	39	41	54
do	510	810	250	102	68	37	52
do	551	922	276	109	47	46	58
do	535	905	275	105	45	43	61
do	285	470	147	68	61	39	34
do	308	506	155	68	73	39	37
do	282	478	148	61	68	39.5	35
do	210	285	91	97	15	28	28
do	755	1525	437	166	56	81	75
do	395	720	210	60	34	62	94
do	705	1060	293	105	80	93	108
do	510	1230	400	265	19	85	52
do	144	287	88	40	17	19	20
do	149	287	90	42	18	20	20.5
do	152	292	94	42	19.5	20	20.5
do	143	282	88	42	17	18	19
do	512	820	258	110	69	40	52
do	400	623	184	75	44	34	45
do	407	645	194	80	47	34	47
do	380	600	184	83	38	31	44
do	376	586	185	84	35	29	42
do	423	665	200	87	47	35	47

Museum No.	Collector's No.	Name	Sex and age	Date
7758		<i>Ereimatura jamaicensis</i>	♀ ad.	Apr. 10, 1892
7759		<i>Anas strepera</i>	♂ ad.	Apr. 11, 1892
7760		<i>Plegadis guarauna</i>	♀ ad.	Apr. 12, 1892
7761		<i>Xanthocephalus xanthocephalus</i>	♂ ad.	do
7762		"	♂ ad.	do
7763		"	♂ ad.	do
7764		<i>Anas strepera</i>	♂ ad.	do
7765		<i>Ammodramus s. alaudinus</i>	♂ ad.	April 12, 1892.
7766		<i>Junco caniceps</i>	♀ ad.	do
7767		<i>Spingia pusilla</i>	♂ ad.	do
7768		"	♂ ad.	do
7769		<i>Anas cyanoptera</i>	♂ ad.	do
7770		<i>Anas carolinensis</i>	♂ ad.	do
7771		"	♂ ad.	do
7772		<i>Fulica americana</i>	♀ ad.	do
7773		<i>Anas strepera</i>	♀ ad.	Apr. 13, 1892
7774		<i>Pipilo maculatus megalonyx</i>	♂ ad.	do
7775		<i>Anas strepera</i>	♀ ad.	Apr. 13, 1892
7776		<i>Ereimatura</i>	♂ ad.	do
7777		"	♀ ad.	do
7778		<i>Spingia minutilla</i>	♂ ad.	do
7779		"	♂ ad.	do
7780		"	♂ ad.	do
7781		"	♂ ad.	do
7782		"	♂ ad.	do
7783		"	♀ ad.	do
7784		<i>Gallinago delicata</i>	♂ ad.	do
7785		<i>Aegialitis vocifera</i>	♂ ad.	do
7786		<i>Ammodramus s. alaudinus</i>	♂ ad.	do
7787		<i>Himantopus mexicanus</i>	♂ ad.	Apr. 14, 1892
7788		<i>Totanus flavipes</i>	♂ ad.	do
7789		<i>Amphispiza bilineata</i>	♂ ad.	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Palomas Lakes, Chihuahua, Mex.	380	580	147	91	42	34	64
do	545	915	277	110	46	48	62
do	520	910	261	101	115	87	79
do	275	455	147	111	22	38	36
do	270	471	154	113	23	39	35
do	278	468	155	109	22	34.5	34
do	520	920	275	107	42	43	62
Lake Palomas, Chihuahua, Mexico	tail gone 158	232 243	73 80	gone	11.2	21	20
do	243	80	74	74	11.5	20.5	19.5
do	154	285	91	42	18.5	19.5	21.5
do	149	287	89	42	16.	19.5	21
do	425	655	193	86	44	34.	47
do	388	610	187	80	40	32	41
do	373	620	187	79	37	33	44
do	375	665	192	63		56	83
do	570	865	265	105	41	42	57
do	227	(about) 285	92	112	15	28	27
Lake Palomas, Chihuahua, Mex.	500	865	268	97	44	42	57
do	405	600	152	90	39	34	69
do	390	565	145	90	42	33	64
do	148	284	88	42	17	19	20
do	151	285	88	42	17	18.5	20
do	148	282	89	40	18	19	20
do	150	290	92	42	16	19.5	20.5
do	149	282	89	40	18	19.	20.
do	159	307	95	43	19	21	22
do	273	440	138	65	63	32	36
do	250	508	66	98	19	37	28
do	143	232	72	58	11	19	20
do	377	725	232	80	64	116	44
do	272	502	154	70	33	51	34
do	152	224	72	73	11	19	17

\* Additional measurements on page 31 of field record book.



Museum No.	Collector's No.	Name	Sex and Age	Date
7790		<i>Polioptila plumbea</i>	♂ ad.	Apr. 15, 1892
7791		<i>Callipepla squamata</i>	♂ ad.	do
7792		" "	♂ ad.	do
7793		" "	♂ ad.	do
7794		" "	♀ ad.	do
7795		" "	♀ ad.	do
7796		" "	♂ ad.	do
7797		" "	♂ ad.	do
7798		" "	♂ ad.	do
7799		<i>Myiarchus cinerascens</i>	♂ ad.	Apr. 16, 1892
7800		<i>Spizella socialis arizonae</i>	♂ ad.	do
7801		<i>Spizella breweri</i>	♂ ad.	do
7802		<i>Regulus calendula</i>	♀	do
7803		<i>Callipepla squamata</i>	♂ ad.	do
7804		" "	♂ ad.	do
7805		" "	♀ ad.	do
7806		" "	♂ ad.	do
7807		" "	♀ ad.	do
7808		" "	♀ ad.	do
7809		" "	♀ ad.	do
7810		" "	♂ ad.	Apr. 17, 1892
7811		<i>Spizella breweri</i>	♂ ad.	Apr. 18, 1892
7812		<i>Amphispiza bilineata</i>	♀ ad.	do
7813		<i>Spizella breweri</i>	-ad.	do
7814		<i>Amphispiza bilineata</i>	♂ ad.	do
7815		<i>Helodytes brunneicapillus</i>	♂ ad.	do
7816		<i>Icterus parisorum</i>	♂ ad.	do
7817		" "	♂ ad.	do
7818		<i>Wilsonia pusilla</i>	♂ ad.	do
7819		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do
7820		<i>Junco caniceps</i>	♂ ad.	do
7821		<i>Spizella breweri</i>	? ad.	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Roca Grande Mts., Chihuahua, Mex.	119	162	62	55	11.5	18	11.5
Carrizalillo Mountains, M.B.L.	281	395	125	94	14.	36	37
do	282	400	125	95	14.5	34	35
do	275	401	127	93	14.	36	37
do	260	385	124	85	13.	32	34
do	282	392	125	95	13.	34	38
do	273	392	123	88	12.5	35	36
do	284	400	124	90	12.5	34	36
do	281	393	123	95	12.5	34	36
Doors Grandes Mts., Chihuahua, Mex.	220	330	103	101	19	23	20
Carrizalillo Mts., Chihuahua, Mex.	150	228	73	70	10.5	17	17.5
do	139	206	64	64	9.	17.5	18.
do	110	174	60	46	9.5	17.	13.
do	275	400	123	93	12.3	34.	35
do	286	410	127	96	13.5	35.5	35
do	278	395	120	93	12.7	34.	34
do	270	400	123	96	13.	33.	34
do	277	404	125	95	12.5	33	33.5
do	255	392	120	80	12.2	32.5	33.5
do	263	387	117	92	12.4	33.5	35.
do	275	390	120	93	12.7	34.	34.
do	138	200	64	63	9.	19.	18.
do	142	212	67	61	10.5	19.5	18
do	139	198	65	67	9.	17.5	16
do	145	224	72	65	12.	21.	17
do	209	292	90	85	22.5	30	24
do	219	335	109	96	21.	25.5	25
do	210	317	103	87	23	24.5	24
do	180	185	62	59	10	18	14
do	225	316	100	109	16	26	25
do	166	256	84	76	11	20.5	19
do	140	205	64	64	9	18.5	16

Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Length

Alar expanse

Wing

Tail

Culmen

Tarsus

Middle  
toe  
and claw

7822	<i>Callipepla squamata</i>	♀ ad.	April 18, 1892.
7823	" "	♂ ad.	do
7824	" "	♀ ad.	do
7825	" "	♂ ad.	do
7826	" "	♂ ad.	do
7827	<i>Myiarchus cinerascens</i>	♂ ad.	April 19, 1892.
7828	<i>Helodytes brunneicapillus</i>	♀ ad.	do
7829	<i>Spizella socialis arizonae</i>	♀ ad.	do
7830	<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do
7831	" " "	♂ ad.	do
7832	" " "	♂ ad.	do
7833	<i>Peucaea ruficeps boucardi</i>	♂ ad.	do
7834	" " "	♂ ad.	do
7835	<i>Helodytes brunneicapillus</i>	♂ ad.	do
7836	<i>Regulus calendula</i>	? ad.	do
7837	<i>Sayornis saya</i>	♀ ad.	do
7838	<i>Junco annectens?</i>	♀ ad.	do
7839	<i>Wilsonia pusilla</i>	♂ ad.	do
7840	<i>Dryobates scalaris bairdi</i>	♂ ad.	do
7841	<i>Trochilus alexandri</i>	♂ ad.	do
7842	<i>Aquila chrysaetos</i>	♂ pullus	April 20, 1892
7843	<i>Harporhynchus linderei</i>	♂ ad.	April 21, 1892
7844	<i>Pipilo fuscus mesoleucus</i>	♀ ad.	do
7845	<i>Spizella socialis arizonae</i>	♀ ad.	April 20, 1892
7846	" " "	♂ ad.	do
7847	" " "	♀ ad.	do
7848	<i>Salpinctes obsoletus</i>	♂ ad.	do
7849	<i>Empidonax wrightii</i>	♂ ad.	April 22, 1892
7850	<i>Asio wilsonianus</i>	♂ ad.	do
7851	<i>Callipepla squamata</i>	♂ ad.	April 23, 1892.
7852	<i>Myiarchus cinerascens</i>	♂ ad.	do
7853	<i>Amphispiza bilineata</i>	♂ ad.	do

Carrizalillo Mountains, M.B.L.

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

282	397	122	95	12.5	34	35
277	393	119	89	13.	36	35
270	398	122	94	12.6	35	36
284	404	123	95	12.2	35	36.5
Not measured; has been injured.						
220	330	103	102	17.5	23	19
208	281	86	89	22	27.5	24
144	223	77	68	10	17.	16.3
208	319	101	100	16	25	24
222	313	103	109	16	25	24
219	320	104	107	17	26	25
167	219	70	78	12	21.5	20
168	217	70	78	13	21.	19.5
218	287	93	91	23	29	24.5
105	184	61	52	10	19	14
181	300	98	80	15	19	15
159	244	79	74	11.8	20.5	19
125	181	60	54	9.5	18.	14.5
188	339	107	73	23	18.5	20.5
97	110	43	28	20	4.7	6.6
Description of this moulting on page 51 of record book.						
262	352	110	121	24	33	31
210	196	92	104	15	24.5	25
138	230	73	64	9.	17.	18.
148	240	76	66	10.	18.	18.
139	220	71	65	9.5	17.	16.
158	233	75	59	20.	22.	19.
152	236	74	64	12.5	18.	14
345	945	295	149	18.	41.	44.
265	397	124	93	12.	32.	33
219	328	105	104	17.	23.	19.
145	224	72	69	11.	20.	16.5

{Upper George Monument (No. 40)  
M.B.L.

Museum No. Collector's No.

Name

Sex  
and  
age

Date

7854	<i>Xanthocephalus xanthocephalus</i>	♂ ad.	April 23, 1892
7855	<i>Scolecophagus cyanocephalus</i>	♀ ad.	April 24, 1892.
7856	<i>Geothlypis macgillivrayi</i>	♂ ad.	do
7857	<i>Sturnella</i>	♂ ad.	do
7858	<i>Zenaidura macroura</i>	♂ ad.	do
7859	<i>Scolecophagus cyanocephalus</i>	♀ ad.	April 25, 1892
7860	<i>Lanius ludovicianus excubitorides</i>	♂ ad.	do
7861	<i>Scolecophagus cyanocephalus</i>	♂	April 26, 1892.
7862	<i>Myiarchus cinerascens</i>	♂ ad.	do
7863	<i>Callipepla squamata</i>	♀ ad.	do
7864	<i>Dendroica auduboni</i>	♂ ad.	do
7865	<i>Callipepla squamata</i>	♂ ad.	April 11, 1892
7866	<i>Corvus cryptoleucus</i>	♀ ad.	April 11, 1892
7867	<i>Anas strepera</i>	♀ ad.	Apr. 26, 1892
7868	<i>Turdus aonalaschkei</i>	ad.	Apr. 1, 1892
7869	<i>Pipilo maculatus megalonyx</i>	♂ ad.	do
7870	<i>Zenaidura macroura</i>	♂ ad.	Apr. 28, 1892
7871	<i>Tyrannus verticalis</i>	♂ ad.	do
7872	<i>Cathartes aura</i>	♀ ad.	Apr. 30, 1892
7873	<i>Auriparus flaviceps</i>	♂ ad.	do
7874	" "	♀ ad.	do
7875	<i>Contopus richardsonii</i>	♂ ad.	do
7876	<i>Amphispiza bilineata</i>	♀ ad.	do
7877	<i>Dendroica auduboni</i>	♂ ad.	do
7878	<i>Mimus polyglottos</i>	♂ ad.	do
7879	<i>Wilsonia pusilla</i>	♀ ad.	do
7880	<i>Myiarchus cinerascens</i>	♂ ad.	May 1, 1892
7881	<i>Callipepla squamata</i>	♂ ad.	Apr. 29, 1892
7882	<i>Helodytes brunneicapillus</i>	♀ ad.	May 1, 1892
7883	<i>Dendroica auduboni</i>	♂ ad.	May 2, 1892
7884	<i>Tyrannus verticalis</i>	♀ ad.	do
7885	<i>Lanius ludovicianus excubitorides</i>	♂ ad.	May 3, 1892.

Locality

{ Upper Corner Monument (No. 40), M. B. L.

do	279	459	150	116	24	35	35
do	235	380	122	94	19	32	30
do	281	462	151	116	23	35	34.5
do	140	193	62	58	11	21	17
do	322	465	160	160	13	21	26
do	223	362	111	67	30.5	36	32.5
do	229	320	100	109	16.	28.5	23.
do	272	430	142	119	22	37.	31
do	281	325	105	98	20	25	18
do	275	400	124	93	14	32	35
do	149	247	82	64	11.	20	17.5
Monument No. 15, M. B. L.	Mr. Van Arman shot with rifle.						
Monument No. 15, M. B. L.	527	1065	355	217	50	58	52
{ Upper Corner Monument (No. 40), 100 miles west of the Rio Grande	—	—	—	—	—	—	—
Monument No. 15, M. B. L.	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
{ Upper Corner Monument (No. 40, M. B. L.), 100 miles west of the Rio Grande	289	454	153	126	13	21	26
do	228	418	138	116	19	18	20
do	653	1660	535	275	26	67	90
do	125	178	55	65	8.2	16	12.5
do	116	171	54	52	9.	16	12.5
do	161	272	90	71	13.	14.	13.
do	142	205	64	63	12.	18.	16.
do	152	252	83	68	10	19	17
do	255	355	114	123	19	33	28
do	127	175	56	58	9	18	13.5
do	218	333	104	102	19	22.5	19
do	264	405	124	90	12.5	34	35
do	198	263	80	80	20.5	25	23
do	143	240	78	63	10	19	17
do	219	393	125	95	20.5	19.5	20
do	231	337	113	107	17.	28	24



Museum No. Collector's No.

Name

Sex  
and  
age

Date

Locality

Length

Alarexpanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw7886 *Dendroica auduboni* ♂ ad. May 3, 1892.7887 *Turdus ustulatus?* ♂ ad. do7888 *Oreospiza chlorura* (Aud.). ♂ ad. do7889 *Myiarchus cinerascens* ♂ ad. do7890 *Cathartes aura* ♂ ad. May 4, 18927891 *Empidonax hammondi* ♀ ad. do7892 *Dendroica auduboni* ♂ ad. May 5, 18927893 *Zenaidura macroura* ♂ ad. do7894 *Geothlypis macgillivrayi* ♂ ad. do7895 *Helminthophila celata* ♀ ad. do7896 *Empidonax* (♀?) ad. do7897 *Polioptila caerulea* ♂ ad. do7898 *Spizella socialis arizonae* ♀ ad. do7899 *Empidonax* ♂ ad. do7900 *Pipilo maculatus megalonyx* ♀ ad. do7901 *Icterus parisorum* ♂ ad. do7902 *Junco caniceps* ♀ ad. do7903 *Dendroica auduboni* ♂ ad. do7904 *Turdus aonalaschkae nanus* ♀ ad. do7905 *Aquila chrysaetos* ♀ ad. May 5, 18927906 *Wilsonia pusilla* ♂ ad. May 6, 18927907 *Sceloporus cyanocephalus* ♂ ad. do7908 *Lanius ludovicianus excubitorides* ♀ ad. do7909 *Tyrannus vociferans* ♀ ad. May 7, 18927910 *Myiarchus cinerascens* ♀ ad. May 8, 18927911 *Gonotrichia leucophrys* ♂ ad. May 9, 18927912 *Piranga ludoviciana* ♂ ad. do7913 *Aquila chrysaetos* ♀ juv. do7914 *Lanius ludovicianus excubitorides* ♀ ad. do

7915 " " " ♂ ad. do

7916 *Icterus parisorum* ♂ ad. do

7917 " " " ♂ juv. May 10, 1892.

{Upper Corner Monument (No. 40,  
M.B.L.), 10 a.m. W. of the Rio Grande

150 242 79 64 10 19 17.5

197 315 105 85 13.5 29 24

201 268 87 95 12.3 25.5 24.5

219 342 105 101 19 23 19

645 1740 510 270 32 60 78

146 225 70 65 11 17.5 15

151 245 81 66 10 20 17

(14 tail-feathers) 305 455 150 142 14.5 21 27

136 197 61 56 11 20.5 18

130 196 63 53 10 19 15

153 229 73 72 11 19 15

124 168 52 57 10 18 12.5

143 216 70 67 9.5 17 17

145 220 69 63 10.8 18 14

213 272 90 107 14 27 25

204 329 106 90 — 23 23

158 250 80 73 11 21 19.5

143 235 79 63 10 19 16

174 266 86 71 14 28 23

Mon. No. 40; M.B.L. (Upper Corner) 805\* 2225 690 355 47.5 110 m. cl. 42 mt. 79

129 185 59 55 9 18 14.5

253 412 134 108 22 33 30

217 305 93 95 16 25 22.5

226 408 128 97 17.5 19 21

212 304 98 96 16 23 20

189 264 84 86 11.3 24.5 24

191 308 99 80 16 20.7 18.5

Weight, 8 pounds avoirdupois

228 320 100 102 15.5 28 23

233 323 100 104 16 27.5 24

217 328 105 96 22.5 24 23

210 313 101 88 24 24 25

\* Additional measurements on page 22 of record book.

Museum No.	Collector's No.	Name	Sex and Age	Date
	7918	<i>Myiarchus cinerascens</i>	♂ ad.	May 10, 1892.
	7919	" "	♂ ad.	do
	7920	<i>Osterus parisorum</i>	♂ ad.	May 11, 1892
	7921	<i>Myiarchus cinerascens</i>	♂ ad.	do
	7922	<i>Pipilo maculatus megalonyx</i>	♂ ad.	do
	7923	<i>Wilsonia pusilla</i>	♀ ad.	do
	7924	<i>Junco caniceps</i>	♀ ad.	do
	7925	<i>Poocaetes gramineus confinis</i>	♀ ad.	May 13, 1892.
	7926	<i>Trochilus alexandri</i>	♂ ad.	May 14, 1892
	7927	<i>Spizella socialis arizonae</i>	♀ ad.	do
	7928	<i>Chelidon erythrogastra</i>	♂ ad.	May 21, 1892
	7929	" "	♂ ad.	do
127259	7930	<i>Callipepla squamata</i>	♀ ad.	do
127258	7931	" "	♂ ad.	do
127304	7932	<i>Zenaidura macroura</i>	♀ ad.	do
127303	7933	" "	♂ ad.	do
	7934	<i>Amphispiza bilineata</i>	♂ ad.	May 22, 1892
	7935	<i>Vireo gilvus swainsoni</i>	♂ ad.	May 24, 1892
	7936	" "	♀ ad.	do
	7937	<i>Eupodacus mexicanus frontalis</i>	♂ ad.	do
	7938	<i>Gamelodia melanocephala</i>	♂ ad.	do
	7939	<i>Dendroica auduboni</i>	♀ ad.	do
	7940	<i>Zonotrichia leucophrys</i>	♀ ad.	May 25, 1892
	7941	<i>Buteo swainsoni</i>	♀ ad.	May 27, 1892
	7942	" "	♂ ad.	do
127261	7943	<i>Callipepla squamata</i>	♂ ad.	do
127260	7944	" "	♀ ad.	do
127215	7945	<i>Tyrannus verticalis</i>	♂ ad.	do
127214	7946	" "	♀ ad.	do
	7947	<i>Otocoris</i>	♀ ad.	do
	7948	<i>Salpinctes obsoletus</i>	♂ juv.	do
	7949	<i>Geothlypis macgillivrayi</i>	♂ ad.	May 11, 1892

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	45 Middle toe and claw
{ Upper Corner Monument (No 40, N. B. L., 100 m. W. of the Rio Grande	214	313	98	94	19	23.	19.
do	214	320	100	94	19	21.5	18.5
do	224	326	106	95	23	23.5	23.
do	215	318	99	94	19	23.	20
do	210	273	86	103	15	26	27
do	125	175	56	53	9	18	14
do	163	247	80	73	12.2	21	20
do	165	264	82	70	13.	21	20
do	95	111	42	29	18.5	4.7	6.5
do	140	223	72	66	10.	17	16.5
Mosquito Springs, Chihuahua, Mex.	187	333	123	93	8	11	17.5
do	197	337	125	106	8	11	17.5
{ Sycamore Spring, Grant County, New Mexico.	278	410	127	97	12.2	33	36
do	282	408	124	95	13.	35	35
{ Dog Spring, Grant County, New Mexico.	277	442	150	130	13.5	21	23
do	322	460	155	164	14	23	25
do	148	222	73	73	10.5	18	17
do	142	224	70	57	11.	19	15
do	137	218	69	52	10.5	18	14.5
do	160	257	83	70	12.	17.5	19.
do	210	330	104	82	19	24.	23.
do	145	232	75	62	11	20	17
{ Hachita Grande Mountains, Grant Co., New Mexico.	182	256	77	81	12.5	24	23.5
{ Dog Spring, Grant County, New Mexico.	510	1310	420	228	22.5	68	58
do	490	1220	383	210	22.	68	58
do	288	403	124	100	13	32	35
do	275	395	122	96	13	31	34
do	222	408	134	103	18.	18.5	20
do	224	390	127	94	18.5	18.5	20
do	164	299	98	66	11.	20	15.5
do	Young just from nest.						
Mosquito Springs, Chihuahua, Mex.	142	194	65	56	11.	22.	15.



Museum No.	Collector's No.	Name	Sex and Age	Date
	7950	<i>Empidonax wrighti</i>	♂ ad.	May 11, 1892
	7951	<i>Cathartes aura</i>	♂ ad.	do
	7952	<i>Ereunetes occidentalis</i>	♀ ad.	do
	7953	" "	♀ ad.	do
	7954	<i>Aegialitis vocifera</i>	♀ ad.	do
	7955	<i>Chelidon erythrogaster</i>	♂ ad.	May 12, 1892
	7956	<i>Chordeiles acutipennis texensis</i>	♂ ad.	do
	7957	" " "	♂ ad.	do
	7958	<i>Lanius ludovicianus excubitorides</i>	♂ ad.	May 13, 1892
	7959	<i>Aegialitis vocifera</i>	♂ ad.	do
127148	7960	<i>Harporhynchus crissalis</i>	♀ ad.	May 16, 1892
	7961	<i>Sciurus aurocapillus</i>	♀ ad.	do
	7962	<i>Corvus cryptoleucus</i>	♀ ad.	do
	7963	<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do
	7964	<i>Otocoris</i>	♂ ad.	do
	7965	<i>Ammodramus s. alaudinus</i>	♀ ad.	do
	7966	<i>Xanthocephalus xanthocephalus</i>	♀ ad.	do
	7967	<i>Pyrrhuloxia</i>	♂ ad.	May 17, 1892
	7968	<i>Xanthocephalus xanthocephalus</i>	♀ ad.	May 16, 1892
	7969	<i>Junco</i>	♂ ad.	May 18, 1892
127221	7970	<i>Myiarchus cinerascens</i>	♂ ad.	do
	7971	<i>Dendroica auduboni</i>	♀ ad.	do
	7972	<i>Junco</i>	♂ ad.	do
	7973	<i>Wilsonia pusilla</i>	♀ ad.	do
127223	7974	<i>Contopus borealis</i>	♀ ad.	do
	7975	" "	♂ ad.	May 19, 1892
	7976	<i>Chondestes grammacus strigatus</i>	♂ ad.	do
	7977	<i>Contopus richardsonii</i>	♀ ad.	do
	7978	<i>Piranga hepatica</i>	♂ ad.	do
	7979	" "	♀ ad.	do
	7980	<i>Junco cinereus</i>		do
	7981	<i>Myiothorus bicolor</i>	♂ ad.	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Moquinto Springs, Chihuahua, Mexico.	152	230	73.5	69	12	19	14
do	605	1054	476	243	26	62	86
do	176	327	105	52	28	25	23
do	175	320	102	50	26	25	22
do	250	522	170	94	21	34	28
do	195	325	126	102	8	16	16
do	243	575	202	120	5	14	21
do	248	574	200	120	5.3	16	20
do	225	320	102	103	16	28	22.5
do	284	505	165	102	19.5	34	28
do	295	318	100	142	37	34	28
do	151	240	76	57	12.5	25	23
do	505	1040	350	219	48	62	50
do	218	315	101	102	15	24	26
do	178	—	110	74	10	19	19
do	137	225	72	51	10.5	21	19
do	232	380	125	94	19	32	31
do	220	310	97	110	15	26	24
do	231	360	117	90	19.5	30	31
Hachita Grande Mt., Grant Co., N. M.	163	245	80	77	12	22	19
do	225	328	108	103	17	26	17
do	136	225	75	59	10.5	19.5	16.5
do	164	260	82	77	13	21	20
do	124	173	55	52	8	17	14
do	190	325	108	76	18	14	16
do	193	328	109	77	18	14	16
do	173	275	88	73	12	21	20.5
do	153	253	82	65	13	13	13
do	208	323	103	88	18	22.5	22
do	210	323	103	89	18	23	22.2
do	166	253	83	78	11.5	21	19
do	146	190	61	63	15	18.5	17

Museum No.	Collector's No.	Name	Sex and age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
	7982	<i>Catherpes mexicanus conspersus</i>	♀ ad.	May 19, 1892	{ Hachita Grande Mountain, Grant County, New Mexico.	150	192	61	55	20.5	17	17.5
127239	7983	<i>Aeronautes melanoleucus</i>	♂ ad.	May 20, 1892	do	161	344	144	65	7.	10	14
127162	7984	<i>Tachycineta thalassina</i>	♂ ad.	do	do	135	310	120	49	6.	13	15
	7985	<i>Anthothorus vociferus macromystax</i>	♀ ad.	May 21, 1892	do	244	462	165	119	14	18	21
	7986	<i>Myiothorus bewickii</i>	? ad.	do	do	138	about 185	60	64	15	19	14
	7987	<i>Piranga hepatica</i>	♂ ad.	do	do	215	330	108	87	17.5	24	22.5
127176	7988	<i>Peucaea ruficeps boucardi</i>	♀ ad.	do	do	158	210	67	69	12	21	20
	7989	<i>Vireo</i>	♂ ad.	do	do	144	208	69	63	11	20	15
	7990	<i>Contopus richardsonii</i>	♂ ad.	do	do	163	270	90	67	12.5	15	12
	7991	<i>Helminthophila celata</i>	? ad.	do	do	124	175	60	52	10	20	13
	7992	<i>Spinus pinus</i>	♂ ad.	May 22, 1892	do	137	237	78	48	10.8	15	16
	7993	<i>Psaltirparus</i>	♀ ad.	do	do	111	154	52	60	7	17	12
	7994	"	♂ juv.	do	do	81	125	40	32	6	16	12
127196	7995	<i>Icterus parisorum</i>	♀ ad.	do	do	205	304	99	86	21.5	25	22.5
127238	7996	<i>Aeronautes melanoleucus</i>	♂ ad.	May 23, 1892	do	157	327	142	59	6	10	13.5
	7997	<i>Poliophtila caerulea</i>	♀ ad.	May 24, 1892	do	123	157	51	55	11	27.5	10.
	7998	<i>Icterus parisorum</i>	♂ ad.	do	do	225	344	122	100	23	26.5	25
127194	7999	"	" ♀ x.H.	do	do	207	318	102	87	20.5	25	24
	8000	<i>Vireo</i>	♀ ad.	do	do	137	217	72	55	10.5	19	14
	8001	<i>Aphelocoma woodhousei</i>	♂ ad.	do	do	315	415	135	156	26	42	30
	8002	<i>Chondestes grammacus strigatus</i>	♀ ad.	May 11, 1892	Mosquito Springs, Chihuahua, Mex	170	274	87	71	13	21	20.5
	8003	<i>Asio accipitrinus</i>	? ad.	May, 1892	Alamo, Grant Co., N.M.	Dissipated head of specimen found dead.						
	8004	<i>Heleodytes brunneicapillus</i>	♀ ad.	May 29, 1892	Dog Spring, Grant Co., New Mexico	203	269	82	82	22	27	24.5
	8005	<i>Trochilus</i>	♀ ad.	May 30, 1892	do	96	125	52	33	19	6.5	8.
	8006	<i>Amphispiza bilineata</i>	♂ ad.	do	do	148	222	70	68	12	21	17
127141	8007	<i>Mimus polyglottos</i>	♂ ad.	do	do	250	365	119	128	19	34	28
127195	8008	<i>Icterus parisorum</i>	♀ ad.	do	do	211	324	105	88	21	25.5	24.5
127150	8009	<i>Heleodytes brunneicapillus</i>	♂ ad.	do	do	218	285	93	84	—	31.	26
127158	8010	<i>Ampelis cedrorum</i>	♂ ad.	May 31, 1892	do	180	292	96	60	10	19	20
127159	8011	"	♀ ad.	do	do	175	290	96	59	10	19	20
127230	8012	<i>Melanerpes formicivorus</i>	♀ ad.	do	do	232	454	143	90	23	22	24
27171	8013	<i>Piranga hepatica</i>	♀ ad.	do	do	214	332	103	97	17	26	21

Museum No.	Collector's No.	Name	Sex and Age	Date
127122	8014	<i>Pipilo fuscus mesoleucus</i>	♂ ad.	May 31, 1892
127147	8015	<i>Harporhynchus crissalis</i>	♂ ad.	do
127120	8016	<i>Myiarchus cinerascens</i>	♂ ad.	do
	8017	<i>Contopus richardsonii</i>	♀ ad.	do
	8018	<i>Vireo gilvus swainsoni</i>	♀ ad.	do
127143	8019	<i>Mimus polyglottos</i>	♂ ad.	do
126718	8020	<i>Meleagris</i>	♀ ad.	do
	8021	"	♀ ad.	June 1, 1892
127247	8022	<i>Speotyto cunicularia hypogaea</i>	♂ ad.	May 31, 1892
127231	8023	<i>Melanerpes formicivorus</i>	♀ ad.	do
	8024	<i>Buteo abbreviatus</i>	♀ ad.	June 1, 1892
	8025	"	♂ ad.	do
127220	8026	<i>Callipepla squamata</i>	♂ ad.	June 3, 1892
127220	8027	"	♀ ad.	do
	8028	<i>Carpodacus mexicanus frontalis</i>	♀ ad.	June 5, 1892
	8029	<i>Guiraca caerulea eurhyncha</i>	♀ ad.	do
127265	8030	<i>Egialitis vocifera</i>	♀ ad.	do
	8031	<i>Geococcyx californianus</i>	♀ ad.	June 6, 1892
	8032	"	♂ ad.	do
	8033	<i>Lanius ludovicianus excubitorides</i>	♂ ad.	do
	8034	<i>Harporhynchus crissalis</i>	♀ juv.	do
	8035	<i>Amphispiza bilineata</i>	♂ ad.	do
127142	8036	<i>Mimus polyglottos</i>	♂ ad.	June 7, 1892
	8037	<i>Trochilus alexandri</i>	♀ ad.	do
	8038	<i>Chordeiles acutipennis texensis</i>	♀ ad.	June 8, 1892
	8039	"	♂ ad.	do
127243	8040	<i>Geococcyx californianus</i>	♂ juv.	June 9, 1892
127273	8041	<i>Buteo borealis calurus</i>	♂ juv.	do
127175	8042	<i>Amphispiza bilineata</i>	♀ ad.	do
127172	8043	<i>Carpodacus mexicanus frontalis</i>	♂ ad.	June 12, 1892
127246	8044	<i>Speotyto cunicularia hypogaea</i>	♂ ad.	June 13, 1892
127266	8045	<i>Corvus cryptoleucus</i>	♀ ad.	June 14, 1892

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Dog Spring, Grant Co., New Mexico	225	310	102	105	16	27	26
do	305	332	105	142	32	36	32
do	220	328	101	100	19	23	18
do	160	260	87	68	13	15	12
do	133	215	70	51	9.5	18	15
do	260	354	115	128	18	33	29
{ West side of San Luis Moun- -tains, Chihuahua, Mexico	1050	1440	445	380	33	140	99
do				380	35	140	100
{ West base of San Luis Moun- -tains, Grant Co., New Mexico	242	640	185	90	15	50	27
{ West side of San Luis Moun- -tains, Chihuahua, Mexico	237	455	145	91	26	21	25
do	560	1400	440	247	26	83	67
do	495	1290	410	228	22	75	62
{ White Water, Chihuahua, Mexico	273	393	120	92	12.5	34	34
do	275	393	119	95	13.5	33.5	33.5
{ Dog Spring, Grant County, New Mexico	155	247	78	64	11.5	19	20
do	179	278	90	75	17	20	23.5
do	252	370	164	98	20	39	26
do	564	528	172	300	47	61	44
do	600	550	182	320	49	62	47
do	230	323	102	107	15	26	25
do	—	—	—	—	—	—	—
do	148	222	70	69	11.5	20.5	17.5
do	253	357	113	121	17	33	28
do	102	118	49	31	21	—	—
do	220	540	185	110	6	16	20
do	225	about 530	194	115	7	17	20
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	145	218	69	68	11	19	17
do	150	240	79	63	10.5	18	20
do	227	613	178	86	—	45	27
White Water, Chihuahua, Mexico	502	1060	357	211	50	63	53



Museum No.	Collector's No.	Name	Sex Age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
127213	8046	Otocoris	♂ ad.	June 16, 1892	White Water, Chihuahua, Mexico	181	323	105	76	13.5	23	17.5
	8047	"	♀ ad.	do	do	170	305	101	69	12.	21	16.
	8048	"	♂ ad.	do	do	170	318	105	69	11.	21	16.
	8049	"	♀ juv.	do	do	—	—	—	—	—	—	—
127267	8050	Corvus cryptoleucus	♀ ad.	June 17, 1892	do	510	1050	350	265	50	60	51
127216	8051	Tyrannus verticalis	♂ ad.	do	do	230	414	134	104	18	18	20.5
127218	8052	Tyrannus vociferans	♀ ad.	do	do	227	398	128	94	20.5	19	22
127272	8053	Buteo borealis calurus	♂ ad.	do	do	530	1315	407	232	23.	88	61
127275	8054	" " "	♀ juv.	do	do	—	—	—	—	—	—	—
127274	8055	" " "	♂ juv.	do	do	—	—	—	—	—	—	—
127244	8056	Geococcyx californianus	♂ juv.	do	do	230	585	200	115	4.4	15	21
	8057	Chordeiles virginianus henryi	♀ ad.	do	do	223	326	99	100	16	26	25
127161	8058	Lanius ludovicianus excubitorides	♀ ad.	do	do	290	400	130	137	26.5	38	29
127203	8059	Aphelocoma woodhousei	♀ ad.	do	(E. base S. Luis Mts.) do	286	402	125	102	13.	35.5	34.5
127255	8060	Callipepla squamata	♂ ad.	do	do	—	—	—	—	—	—	—
	8061	Parus wollweberi	♂ juv.	do	do	211	295	94	102	15.5	24.4	25
	8062	Pipilo fuscus mesoleucus	♀ ad.	do	do	154	259	83	66	11.8	13.	11.5
127224	8063	Contopus richardsonii	♀ ad.	do	do	238	590	203	118	6.	15.	20.5
	8064	Chordeiles	ad.	June 20, 1892	do	—	—	—	—	—	—	—
127245	8065	Speotyto cunicularia hypogaea	♂ ad.	June 22, 1892	{ East side San Luis Mountains, Chihuahua, Mexico.	240	615	180	80	13	44	28
127263	8066	Cyrtonyx montezumae	♂ ad.	do	do	235	440	130	69	15	30	38
127271	8067	Buteo borealis calurus	? juv.	do	do	—	—	—	—	—	—	—
127183	8068	Zamelodia melanocephala	♂ ad.	June 23, 1892	do	222	325	110	90	20	26	23
127241	8069	Trogon ambiguus	♀ ad.	do	do	215	410	135	202	17	16	19
	8070	Columba fasciata	♂ ad.	do	do	384	638	214	159	17	29	41
127237	8071	Colaptes cafer	♀ ad.	do	do	308	507	160	108	39	29	33
127164	8072	Piranga hepatica	♂ ad.	do	do	214	330	108	85	19.5	23.5	23
	8073	Psaltiriparus	♀ ad.	do	do	113	153	49	60	7	16	11.5
127174	8074	Spinus psaltria	♂ ad.	do	do	118	205	66	48	9	14	14.5
127154	8075	Parus wollweberi	♀ ad.	do	do	124	195	62	58	9	17.5	15.
127184	8076	Zamelodia melanocephala	♂ ad.	do	do	212	325	108	88	20	24	24
127217	8077	Tyrannus vociferans	♀ ad.	do	do	229	392	128	97	19	20.5	21

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Museum No. Collector's No.

			Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
127225	8110		<i>Dryobates arizonae</i>	♂ ad.	June 26, 1892.	San Francisco Water Station, East side of San Luis Mountains, Mex. (about 5 miles from the U. S. Line).	213	380	120	80	26	30	22.5
	8111		<i>Coccygus clemenciae</i>	♀ ad.	do.	do.	131	175	64	45	25	6	9
127173	8112		<i>Spinus psaltria arizonae</i>	♂ ad.	do.	do.	116	207	65	46	10.4	11.5	14
127226	8113		<i>Dryobates arizonae</i>	♀ ad.	do.	do.	196	370	114	72	24	19	31
127250	8114		<i>Accipiter velox</i>	♂ ad.	do.	do.	305	610	193	154	15	51	39
	8115		<del><i>Eugenes fulgens</i></del> <i>Coccygus clemenciae</i>	♀ ad.	do.	do.	138	170	70	41	30	5	9
127198	8116		<i>Icterus parisorum</i>	♀ ad.	do.	do.	Not measured.						
127185	8117		<i>Habia melanocephala</i>	♂ im.	do.	do.	209	320	104	85	20	22	24
127227	8118		<i>Dryobates arizonae</i>	♂ juv.	do.	do.	Not measured.						
127248	8119		<i>Speotyto cunicularia hypogaea</i>	♂ ad.	do.	White Water, Chihauhan, Mex.	228	630	183	89	16	48	39
127192	8120		<i>Sturnella magna mexicana</i>	♂ ad.	June 29, 1892	Mexican Boundary Line near San Luis Spring, New Mexico.	246	393	118	73	33	40	36
127268	8121		<i>Bubo virginianus subarcticus</i>	♀ ad.	June 30, 1892.	do	560	1400	393	242	31	63	79
	8122		<i>Piranga rubra cooperi</i>	♂ ad.	July 1, 1892.	Cañon Bonito, Mexico.	312	325	104	85	20	34	21
127276	8123		<i>Buteo abbreviatus</i>	♂ ad.	July 4, 1892.	do	493	1280	398	219	22	72	61
127278	8124		<i>Urubitinga</i>	? ♂ juv.	July 3, 1892.	do	535	1325	367	233	26	90	62
	8125		<i>Contopus richardsonii</i>	♂ ad.	do.	do	163	271	92	72	14	13.5	13.5
	8126		<i>Piranga rubra cooperi</i>	♂ ad.	July 4, 1892.	do	274	322	105	85	19	19.5	20.5
127212	8127		<i>Aphelocoma sieberii arizonae</i>	♂ im.	do.	do	Not measured.						
	8128		<i>Piranga rubra cooperi</i>	♂ ad.	July 3, 1892.	do	207	317	100	85	19.5	19	20.5
	8129		" " "	♂ ad.	do.	do	213	329	104	86	19	20.5	22
	8130		<i>Dryobates arizonae</i>	? juv.	do.	do	Not measured.						
	8131		<i>Myiodynastes luteiventris</i>	♀ ad.	do.	do	230	376	117	90	22	20	21
	8132		<i>Myiarchus mexicanus magister</i>	♀ ad.	do.	do	245	356	110	102	23	25	23
127219	8133		" " "	♂ ad.	do.	do	254	367	115	110	22	23.5	24.5
	8134		<i>Myiarchus cinerascens</i>	♀ ad.	do.	do	212	310	95	91	19	22	18
	8135		" " "	♂ ad.	do.	do	221	325	101	98	19	22	18
	8136		" " "	♂ ad.	do.	do	218	324	101	99	20	22.5	18
	8137		<i>Myiarchus laurenci olivaceus</i>	♂ ad.	do.	do	189	270	84	82	18.7	19	16.5
	8138		" " "	♂ ad.	do.	do	185	270	85	81	18.5	19	16
	8139		<i>Tyrannus vociferans</i>	♂ ad.	do.	do	232	403	128	96	21.5	20	22.5
	8140		<i>Dendroica aestiva sonorana</i>	? juv.	do.	do	Not measured.						
	8141		" " "	♂ ad.	do.	do	133	203	65	51	11	19	15

Lus Museum No. Collector's No.

		Name	Sex and Age	Date
12	8142	<i>Petrochelidon lunifrons</i>	♂ ad.	July 3, 1892.
	127222	<i>Sayornis nigricans</i>	♀ juv.	do
	8944	"	♂ juv.	do
	8145	<i>Icteria virens longicauda</i>	♀ ad.	do
	127281	<i>Meleagris gallopavo mexicana</i>	♂ ad.	July 2, 1892.
	127284	"	♀ ad.	do
	127283	"	♀ ad.	do
	127282	"	♀ ad.	do
	8150	<i>Myiarchus lawrencei olivaceus</i>	♀ ad.	do
	127252	<i>Callipepla gambeli</i>	♂ ad.	July 2, 1892.
	127254	"	♀ ad.	do
	127253	"	♀ ad.	July 3, 1892.
	127240	<i>Antrostomus vociferus macromystax</i>	♀ ad.	July 5, 1892.
	127295	<i>Columba fasciata</i>	♂ ad.	do.
	8156	<i>Cyanocitta stelleri macrolopha</i>	♂ ad.	do
	8157	<i>Vireo solitarius plumbeus</i>	♀ juv.	do.
12	8158	<i>Certhia americana albescens</i>	—	do
	8159	<i>Dendroica nigrescens</i>	—	do
	8160	<i>Setophaga picta</i>	ad.	do
	8161	"	juv.	do
	8162	<i>Sialia mexicana bairdi</i>	♂ juv.	do
	8163	<i>Myiarchus cinerascens</i>	♂ juv.	do
	128047	<i>Callipepla gambeli</i>	♂ ad.	July 7, 1892.
	127277	<i>Urubitinga anthracina</i>	♂ ad.	do
	8166	<i>Aphelocoma sieberii arizonae</i>	♀ ad.	do
	127208	"	♂ juv.	do
12	127210	"	♂ juv.	do
	8169	<i>Melanerpes f. aculeatus</i>	♀ ad.	do
	8170	<i>Pyrocephalus r. mexicanus</i>	♂ ad.	do
	8171	"	♀ ad.	do
	127212	<i>Geococcyx californianus</i>	♂ ad.	do
	127211	<i>Aphelocoma sieberii arizonae</i>	♀ ad.	

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Cajon Bonito, Mexico.	142	290	103	51	8	12.5	16.5
do	Not measured;	do.	do.	do.	do.	do.	do.
do	184	240	76	79	15	25	30
do	1260	1700	540	460	38	170	120
do	1000	1340	420	340	32	137	95
do	990	1310	415	340	32	133	93
do	965	1300	410	340	33	129	92
do	177	252	78	77	17	19	15.5
do	276	372	120	108	11	29	35
do	281	379	119	108	11	29	35
do	268	368	111	98	11	31	36
San Luis Mts., New Mex.	250	482	168	138	19	18	22
do.	382	640	217	148	18	27	39
do	318	467	146	144	29	44	34
do	151	260	85	63	11	20.5	18
do	—	—	—	—	—	—	—
do	127	205	68	56	10.5	18	14
do	140	212	71	66	9	16.5	15.5
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	285	388	123	120	12	29	38
do	285	388	123	120	12	29	38
do	480	1270	410	238	33	69	61
do	310	495	165	153	30	46	35
do	Not measured.	do	do	do	do	do	do
do	215	420	137	80	23	22	23
do	150	258	82	60	13	16.5	15
do	150	260	81	62	12	16	15
Guadeloupe Canyon, Arizona.	580	540	178	310	54	65	43
do	Worn plumage.	do	do	do	do	do	do

Lus. Museum No. Collector's No.

			Name	Sex and Age	Date
12	127297	8174	<i>Melospiza leucophaea</i>	♂ ad.	July 7, 1892.
	127299	8175	"	♂ ad.	do
	127301	8176	"	♂ ad.	do
	127300	8177	"	♀ ad.	do
	127298	8178	"	♀ ad.	do
	127302	8179	"	♀ ad.	do
1	127307	8180	<i>Numenius longirostris</i>	♀ ad.	July 14, 1892.
		8181	<i>Trochilus alexandri</i>	♀ ad.	July 18, 1892.
1		8182	<i>Dendroica nigrescens</i>	♂ juv.	do
1		8183	"	♂ juv.	do
	127296	8184	<i>Columba fasciata</i>	♀ ad.	July 19, 1892.
	127201	8185	<i>Cyanocitta s. macrolopha</i>	♂ ad.	do
	127199	8186	"	♀ ad.	do
12	127200	8187	"	♀ ad.	do
	127202	8188	"	♂ ad.	do
	127188	8189	<i>Habia melanocephala</i>	♂ ad.	do
12	127180	8190	<i>Pipilo maculatus megalonyx</i>	♀ ad.	do
		8191	<i>Zonotrichia querula palliatus</i>	♀ ad.	do
		8192	<i>Parus meridionalis</i>	♀ juv.	do
		8193	"	♀ juv.	do
		8194	"	♂	do
		8195	"	♂	do
		8196	<i>Eugenes fulgens</i>	♂ ad.	do
	127229	8197	<i>Dryobates arizonae</i>	♀ ad.	do
		8198	<i>Psaltiriparus</i> (Blk. eared)	♂ ad.	do
		8199	<i>Psaltiriparus</i>	♂	do
12		8200	"	♀ ad.	do
12	127155	8201	"	♂ ad.	do
12		8202	<i>Dendroica nigrescens</i>	♀	do
10		8203	"	♂	do
12		8204	<i>Certhia americana albescens</i>	♀ ad.	do
12	127306	8205	<i>Ardea herodias</i>	♂ juv.	July 20, 1892.

Locality	Length	Wing	Middle toe	Tail	Culmen	Tarsus	Mid toe and claw
Guadeloupe Canyon, N. Mex.	305	506	165	120	22	25	32
do	321	512	173	128	22	25	32
do	317	500	167	124	22.5	25	32
do	300	512	168	120	23	25	33
do	311	500	170	125	21	24	30
do	306	498	163	120	24	26	32
El Verdale, Animas Valley, N. M.	000	1020	293	120	170	83	47
do.	103	132	49	29	20	—	—
do	Not measured.						
do	do.						
San Luis Mountain, Mex. Bd. Linc.	356	610	203	136	16	25	37
do	318	456	150	145	29	42	34
do	315	468	150	146	28	42	33
do	315	456	148	147	28	42	34
do	315	463	150	144	30	43	33
do	211	330	105	83	19	23.5	24
do	213	270	86	109	15	26	27
do	165	244	78	75	12.2	21	21
do	130	203	67	62	10	17	15
do	133	204	66	61	10	17	15
do	135	204	67	62	9.5	17	14.5
do	135	208	67	62	10	18	15
do	145	188	77	45	28	5.5	10
do	193	369	116	67	24	20.5	20.5
do	115	155	51	58	8	17	12
do	115	160	51	57	7	16.5	12.5
do	116	156	51	60	7	16	12
do	Head & foot preserved.						
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	133	188	62	61	15	12.5	15.5
San Luis Spring	—	—	—	—	—	—	—



No.	Museum No.	Collector's No.	Name	Sex and age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
12	127225	8206	<i>Meleagris gallopavo mexicana</i>	♂ ad.	July 21, 1892.	San Luis Mts., near Cajon Cr.	1200	1630	510	430	32	160	114
	127286	8207	" "	♂ ad.	do	do	1200	1730	525	430	38	170	118
	127287	8208	" "	♂ ad.	do	do	1190	1710	520	440	37	160	116
		8209	" "	♂ ad.	do	do	1210	1720	525	450	39	170	120
	127163	8210	<i>Sachycineta thalassina</i>	♂ ad.	July 23, 1892	"Cajon Bonito" creek, Chihauhan.	Not measured.						
		8211	<i>Coeligena clemenciae</i>	♂ ad.	July 11, 1892	West side of San Luis Mountains	137	192	80	50	24	5	9
	127280	8212	<i>Meleagris gallopavo mexicana</i>	♀ ad.	do	do	1000	1440	440	370	22	129	95
		8213	<i>Coeligena clemenciae</i>	♂ ad.	July 12, 1892.	do	130	190	77	45	23	5	9
		8214	<i>Setophaga picta</i>	♂ ad.	do	do	136	210	75	67	2.5	17	16
	127205	8215	<i>Apelocoma siiberii arizonae</i>	♀	do	do	320	480	159	145	29	39	32
		8216	Dove	♂ ad.	do	do	317	475	162	156	13	22.5	26.5
	128048	8217	<i>Callipepla gambeli</i>	♂ ad.	do	do	278	368	119	112	11	30	34
	127179	8218	<i>Pipilo maculatus megalonyx</i>	♂ ad.	do	do	317	285	92	114	14	27	27
	127249	8219	<i>Falco sparverius deserticolus</i>	♀ juv.	do	do	Not measured.						
		8220	<i>Chondestes grammacus strigatus</i>	♂ ad.	do	do	178	288	94	77	14	21	20
		8221	<i>Thryothorus b. bairdi</i>	♀ ad.	do	do	140	182	59	60	14	17.5	16
		8222	<i>Coeligena clemenciae</i>	♀ ad.	do	do	134	181	73	45	24	6	8
	127151	8223	<i>Catherpes mex. conspersus</i>	?	June 25, 1892.	E. side San Luis Mountains.	Not measured.						
		8224	<i>Antrostomus v. macromystax</i>	♂ ad.	July 12, 1892.	West side San Luis Mountains.	260	480	165	131	8	17	22
		8225	<i>Dendroica nigrescens</i>	♂ juv.	do	do	Not measured.						
		8226	" "	♀ ad.	do	do	128	192	63	54	10	17	13.5
		8227	<i>Setophaga picta</i>	♀ juv.	do	do	—	—	—	—	—	—	—
		8228	<i>Trochilus alexandri</i>	♀ ad.	do	do	105	123	50	31	21	—	—
		8229	<i>Piranga hepatica</i>	♀ ad.	July 13, 1892	do	210	312	102	85	18	24	23
		8230	" "	♂ ad.	do	do	218	328	105	91	19	24	23
		8231	<i>Antrostomus v. macromystax</i>	♀ ad.	do	do	245	477	172	125	8	16	21
		8232	<i>Myiarchus lawrencei olivaceus</i>	♀ ad.	do	do	180	250	80	78	16	18.5	13
		8233	<i>Certhia americana albescens</i>	♀ -	do	do	135	183	61	67	12	15	14
		8234	<i>Scops asio trichopsis</i> ?	♀ ad.	do	do	198	505	160	81	11	23	27
		8235	" " " "	♂ ad.	do	do	200	515	160	80	13	23	28
		8236	" " " "	♂ juv.	do	do	—	—	—	—	—	—	—
		8237	" " " "	♂ juv.	do	do	—	—	—	—	—	—	—

	Museum No.	Collector's No.	Name	Sex and age	Date	Locality	Tarsus	Culmen	Wing	Tail	Alar expanse	Length	Middle toe and claw
127269	8238		<i>Accipiter cooperi</i>	? juv.	July 13, 1892.	West side of San Luis Mts.	Not measured.						
127189	8239		<i>Habia melanocephala</i>	♀ ad.	July 14, 1893.	do.	205	325	105	88	20.5	27	25
	8240		<i>Spinus psaltria arizonae?</i>	♀ ad.	do	do	112	175	63	44	9	14	14
127279	8241		<i>Melagris gallopavo mexicana</i>	♂ ad.	July 15, 1892.	do	1225	1990	540	410	31	169	111
127207	8242		<i>Aphelocoma sieberii arizonae</i>	♀ ad.	do	do	324	505	165	155	29	38	32
	8243		<i>Myiarchus lawrencei olivaceus</i>	♂ ad.	July 17, 1892.	do	180	263	82	85	19	18	15
	8244		<i>Dendroica nigrescens</i>	" ♂ ad."	do	do	Probably quite young. 123	190	62	55	9	18	13
127156	8245		<i>Certhia americana albescens</i>	♀ juv.	do	do	Not measured.						
127152	8246		<i>Sotophaga picta</i>	♂ juv.	do	do	do						
127232	8247		<i>Melanerpes formicivorus</i>	♀ ad.	July 18, 1892.	do	229	435	145	82	25	31.5	21.5
127204	8248		<i>Aphelocoma sieberii arizonae</i>	♂ ad.	do	do	335	530	175	156	35	45	35
127292	8249		<i>Columba fasciata</i>	♀ ad.	do	do	365	630	205	142	18	25.5	37
127209	8250		<i>Aphelocoma sieberii arizonae</i>	♂ juv.	July 19, 1892	do	Not measured.						
127294	8251		<i>Columba fasciata</i>	♀ ad.	do	do	370	640	212	152	16	27	37
	8252		<i>Stellula calliope</i>	♂ juv.	July 20, 1892.	do	95	111	47	28	19	—	—
127291	8253		<i>Columba fasciata</i>	♀ ad.	do	do	375	620	215	149	16	26	39
127293	8254		" "	♀ ad.	do	do	368	640	210	146	17	27	39.5
127206	8255		<i>Aphelocoma sieberii arizonae</i>	♀ ad.	do	do	330	495	165	151	27	43	35
127177	8256		<i>Pencate ruficeps boucardi</i>	♂ ad.	do	do	164	210	67	78	12	23	19
	8257		<i>Eugenius fulgens</i>	♀ ad.	July 23, 1892.	do	140	173	72	43	30	7	10
	8258		<i>Piranga rubra cooperi</i>	♂ ad.	July 28, 1892.	Big Spring, Guadalupe Cañon, N.M.	310	320	103	85	20.5	20	21
	8259		<i>Pyrocephalus r. mexicanus</i>	♂ ad.	do.	do	155	263	82	62	12.3	16	15
	8260		<i>Phainopepla nitens</i>	♀ juv.	do	do	—	—	—	—	—	—	—
	8261		<i>Pipilo fuscus mesoleucus</i>	♀ juv.	do	Guadalupe Cañon, Sonora.	—	—	—	—	—	—	—
	8262		<i>Callipepla gambelii</i>	♂ ad.	do	" " , Arizona	273	373	116	100	11	32.5	36
	8263		" "	- juv.	do	" " "	—	—	—	—	—	—	—
	8264		" "	- juv.	do	" " "	—	—	—	—	—	—	—
	8265		<i>Fulica americana</i>	♀ ad.	July 30, 1892.	San Bernardino Ranch, Arizona.	360	612	177	60	33	52	75
	8266		" "	♀ ad.	do	do	365	635	185	61	33	52	76
	8267		<i>Bubo virginianus subarcticus</i>	♂ ad.	July 31, 1892.	do	Not measured.						
	8268		<i>Buteo swainsoni</i>	♂ juv.	do	do							
	8269		<i>Phalaropus tricolor</i>	♀	do	do							



Museum No. Collector's No.

		Name	Sex and Age	Date
12	127288	8270	Melanerpes uropygialis	♂ ad. July 31, 1892.
		8271	Dryobates scalaris bairdi	♂ ad. do
	12711	8272	Nycticorax nycticorax naevius	♀ ad. do
		8273	" " "	♀ juv. do
		8274	Actitis macularia	♂ juv. do
		8275	Poliophtila melanura (crown bl.)	♂ ad. do
		8276	" " (crown plain)	♀ ad. do
		8277	Callipepla squamata	♂ ad. Aug. 1, 1892.
		8278	Stelgidopteryx serripennis	(♂?) ad. do
		8279	Tachycineta bicolor	♂ ad. Aug. 2, 1892
		8280	Totanus flavipes	♀ im. do
		8281	" "	♀ ad. do
		8282	Anas americana	♀ ad. do
		8283	Parabuteo unicinctus harrisi	♀ ad. Aug. 3, 1892.
		8284	Sturnella magna mexicana	♂ ad. do
		8285	Dendroica aestiva sonorana	♂ juv. do
		8286	Calamospiza melanocorys	♂ ad. do
		8287	Chondestes gr. strigatus	♂ ad. do
		8288	Phalaropus tricolor	♂ ad. do
		8289	" "	♀ ad. do
		8290	" "	♂ ad. do
		8291	" "	♂ do
		8292	Tringa minutilla	♀ ad. do
		8293	Tringa bairdii	?
		8294	" "	?
		8295	" "	♀ do
		8296	" "	♀ ad. do
		8297	" "	♂ ad. do
		8298	Pyrocephalus r. mexicanus	♂ juv. do
		8299	Sturnella magna mexicana	♂ ad. Aug. 4, 1892.
		8300	" " "	♀ ad. do
		8301	Falco sparverius deserticolus	♀ ad. do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
San Bernardino Ranch, Arizona.	Not measured.						
do			do				
do			do				
do			do				
do	116	156	48	57	9.5	17	12.7
do	116	147	46	55	9	17	12.5
do	270	390	121	93	13	31	35
do	135	297	104	52	7	11	16
do	145	330	130	64	6	12	15
do	269	500	164	68	38	51	35
do	270	520	169	68	38	55	37
do	345	about 745	235	97	X	36	50
do	580	1250	375	275	28.5	93	70
do	259	405	125	75	33	41	37
do							
do	182	292	91	74	15	23.5	23
do	173	283	90	72	12	20	20.5
do	223	411	125	54	31	35	30.5
do	241	436	136	58	34	36	31
do	221	400	128	<del>54.5</del> 54	30.5	30.5	29
do	220	403	125	<del>55</del> 54	29	33	28.5
do	152	289	86	39	19	20.5	20.5
do	193	391	132	53	23	23	22
do	188	386	125	54	21	24	22
do	191	384	125	54	24	23	21.5
do	196	395	130	56	25.5	24.5	22
do	193	399	132	58	24	24	22
do	Not measured.						
do	244	397	119	72	31	40	35
do	229	370	112	70	30	37	34
do	251	550	181	125	12.5	35	33

Museum No	Collector's No	Name	Sex and Age	Date
8302		<i>Chondestes gr. strigatus</i>	♂ ad.	August 4, 1892
8303		" " "	♂ ad.	do
8304		" " "	♂ ad.	do
8305		<i>Dendroica aestiva sonora</i>	♀ ad.	do
8306		<i>Passerina amoena</i>	♀ ad.	do
8307		<i>Sayornis saya</i>	♂ juv.	Aug. 6, 1892.
8308		<i>Peucaea cassinii</i>	♂ ad.	do
8309		<i>Tantalus loculator</i>	(♂?) ad.	do
8310		<i>Passerina amoena</i>	♂ ad.	Aug. 9, 1892.
8311		" "	♂ ad.	do
8312		<i>Porzana carolina</i>	♂ juv.	Aug. 12, 1892.
8313		" "	♀ ad.	do
8314		<i>Hydrochelidon nigra surinamensis</i>	♂ ad.	do
8315		<i>Symphemia s. inornata</i>	(♂?) ad.	Aug. 13, 1892.
8316		<i>Sotanus solitarius</i>	♂ ad.	do
8317		" "	?	do
8318		<i>Melospiza fasciata fallax</i>	♂ juv.	do
8319		<i>Geothlypis tr. occidentalis</i>	(♂?) juv.	do
8320		<i>Amphispiza bilineata</i>	♀ ad.	do
8321		<i>Passerina amoena</i>	♀	do
8322		<i>Anas cyanoptera</i>	♀ ad.	do
8323		<i>Phalaropus tricolor</i>	♂	do
8324		" "	♂	do
8325		" "	♂	do
8326		" "	♂	do
8327		<i>Tyrannus verticalis</i>	? juv.	do
8328		<i>Sayornis nigricans</i>	♀ juv.	do
8329		<i>Callipepla gambeli</i>	♂ juv.	do
8330		<i>Nycticorax n. naevius</i>	♂ juv.	do
8331		<i>Sturnella</i>	♂ juv.	Aug. 14, 1892.
8332		"	♂ ad.	do
8333		<i>Calamospiza melanocorys</i>	♂ ad.	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
San Bernardino Ranch, Ariz.	173	287	92	74	13.5	21.5	21
do	176	284	91	73	13.5	21.2	21.2
do	177	293	93	77	13	21.2	21.6
do	126	194	62	48	9.6	18.5	15
do	143	224	78	60	10	16.5	18
do	Not measured.						
do	154	208	67	70	12	20	19
do	915	1750	485	180	21.5	202	125
do	146	230	74	61	10	15	17.5
do	146	331	72	62	11	17	18
do	Not measured.						
do	113	347	104	52	22	32	41.5
do	264	620	216	87	28	17	34
do	396	730	219	90	61	68	41
do	226	430	140	60	31	33	29
do	220	424	135	58	28.5	32	29
do	Not measured.						
do	do.						
do	146	206	63	65	11	18	18
do	146	226	71	58	9.8	18	18
do	410	650	195	80	46	33	45
do	219	395	124	52	30	32	28
do	219	397	125	53	31	33.5	29
do	225	400	124	51	31.5	34	29
do	226	405	128	56	31	33	29
do	Not measured.						
do	do						
do	do						
do Arizona	do						
do	do						
do	do						
do	240	410	128	75	33	42	36
do	179	285	88	71	14	25	24

Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Length

Alarexpanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

	8334	<i>Plucæia cassini</i>	♂ ad.	Aug. 14, 1892.	San Bernardino Ranch, Ariz.	160	215	66	68	13	20	18.5
	8335	<i>Passerina amoëna</i>	♂ ad.	do	do	149	235	75	62	9.8	17	18.5
	8336	" "	♂ ad.	do	do	146	235	73	59	11	17	18.5
	8337	<del>Borealis</del> <i>Buteo borealis calurus</i>	♀ ad.	Aug. 15, 1892	do	550	1280	420	235	27	87	64
	8338	<i>Chordeiles a. texensis</i>	♂ juv.	do	do	—	—	—	—	—	—	—
	8339	<i>Melanerpes uropygialis</i>	♀ ad.?	do	do	—	—	—	—	—	—	—
	8340	<i>Leontopis borealis</i>	♀ ad.	do	do	194	329	109	78	17	15	17
	8341	<i>Agialitis vocifera</i>	♂ ad.	do	do	263	526	172	103	18	37	25
130620	8342	<i>Tringa bairdii</i>	♂	do	do	193	383	127	58	22	22.5	32
130619	8343	" "	♂	do	do	186	383	127	52	22	23	21.2
130621	8344	" "	♀	do	do	196	394	129	57	24.7	24	22.5
130640	8345	<i>Tringa minutilla</i>	♂ ad.	do	do	156	294	93	45	18	20	20
130634	8346	" "	♀ ad.	do	do	158	302	94	45	20	20	20.5
130635	8347	" "	♀ ad.	do	do	150	287	91	43.5	19	19	19.2
130625	8348	<i>Actitis macularia</i>	♀ juv.	do	do	Not measured.						
130623	8349	<i>Sotanus solitarius</i>	♀ ad.	do	do	236	448	147	65	31	34	30
130652	8350	<i>Phalaropus tricolor</i>	♂ ad.	do	do	220	395	122	51	30	33	29
130648	8351	" "	♂	do	do	223	410	128	57	33	33	29
130646	8352	" "	♀	do	do	240	437	138	59	35	35	30
130644	8353	" "	♂	do	do	219	392	124	53	30.5	33	28
130645	8354	" "	♀	do	do	224	409	128	53	32	33	30
	8355	<i>Calamospiza melanocorys</i>	♂	Aug. 16, 1892.	do	Not measured.						
	8356	<i>Calamospiza melanocorys</i>	♂	do	do	do						
	8357	" "	♀	do	do	do						
130601	8358	<i>Sotanus flavipes</i>	♀	Aug. 18, 1892.	do	265	503	162	70	36.5	53	32
130604	8359	" "	♂	do	do	261	494	159	69	33	48	33
130602	8360	" "	♀	do	do	265	520	167	64	36.5	52	33
130618	8361	<i>Sotanus solitarius</i>	♂	do	do	222	425	138	59	31	34	28
130622	8362	" "	♂	do	do	230	446	143	60	31.5	35	30
130614	8363	" "	♂	do	do	233	436	142	64	31	35	30.5
	8364	<i>Passerina amoëna</i>	♂ ad.	do	do	143	230	72	55	10.3	17	18
	8365	" "	♀ ad.	do	do	142	223	71	57	11	16.5	17.5



Museum No.	Collector's No.	Name	Sex and Age	Date
	8366	<i>Passerina amoena</i>	♀ juv.	Aug. 18, 1892.
	8367	<i>Xanthocephalus xanthocephalus</i>	♂ juv.	do
	8368	<i>Peucaea cassini</i>	♀ ad.	do
130633	8369	<i>Tringa minutilla</i>	♀	do
130637	8370	" "	♂	do
130638	8371	" "	♀	do
130636	8372	" "	?	do
130639	8373	" "	♀	do
	8374	<i>Sturnella</i>	♂ ad.	do
	8375	<i>Spiza americana</i>	♀	do
130641	8376	<i>Phalaropus tricolor</i>	♂ ad.	do
	8377	<i>Pyrocephalus r. mexicanus</i>	? juv.	do
	8378	<del><i>Pyrocephalus r. mexicanus</i></del> <del><i>Chrysocitta riparia</i></del>	♂ ad.	do
	8379	<i>Tachycineta thalassina</i>	? juv.	do
	8380	<i>Tyrannus verticalis</i>	♂ ad.	do
	8381	<i>Sylvania pusilla</i>	♂ ad.	do
	8382	<i>Geothlypis macgillivrayi</i>	♀	do
	8383	" "	♀	do
130609	8384	<i>Totanus flavipes</i>	♂ ad.	Aug. 19, 1892.
	8385	<i>Lanius ludov. excubitorides</i>	♀ ad.	do
130605	8386	<i>Totanus flavipes</i>	♂	do
130624	8387	<i>Actitis macularia</i>	♀ juv.	do
130647	8388	<i>Phalaropus tricolor</i>	♂	do
130643	8389	" "	♀	do
130642	8390	" "	♂	do
	8391	<i>Tachycineta bicolor</i>	? juv.	do
	8392	<i>Falco peregrinus anatum</i>	♀ juv.	do
	8393	<i>Accipiter cooperi</i>	♀ juv.	Aug. 20, 1892.
	8394	<i>Calamus piza melanocorys</i>	♂ ad.	do
	8395	" "	♀ ad.	do
	8396	<i>Anas discors?</i>	♀	Aug. 21, 1892.
130607	8397	<i>Totanus flavipes</i>	?	do

Locality	Tarsus	Alarexpanse	Wing	Tail	Culmen	Marsus	Medial toe and claw
San Bernardino Ranch, Ariz.	Not measured.						
do	do						
do	154	208	61	68	12.5	20	19
do	156	296	95	46	18	18	18.3
do	153	292	92	43	18.5	19.5	21
do	155	297	93	45	19	20	18.7
do	157	295	92	45	18.5	19	20
do	154	297	91	41	18	19.5	21
do	243	400	124	75	34	38	33
do	161	257	78	56.5	13	22.5	24
do	222	406	127	55	30	33.5	27
do	Not measured.						
do	do						
do	do						
do	230	415	135	99	20	19	20.5
do	131	179	59	54	8.8	18.8	14
do	138	187	59	56	10.4	20.6	17
do	140	190	60	56	10	21	17
do	269	508	166	69	34	50	32.5
do	Molting; no tail; not measured.						
do	259	490	154	65	36	52	34
do	Not measured.						
do	218	398	123	53	29	31	28
do	237	437	137	56	32.5	34	29
do	228	410	127	56	32.3	33	30
do	Not measured.						
do	500	1113	358	305	23	55	74.5
do	470	845	260	247	18	68	60
do	177	293	91	73	14	25	22.5
do	175	295	89	71	15	27	23
do	415	640	190	84	45	32	43
do	273	508	162	70	39	56	34

Museum No. Collector's No.

Name

Sex  
and  
Age

Date

130613	8398	<i>Totanus flavipes</i>	♀	Aug. 21, 1892
130606	8399	" "	♂ ad.	do
130610	8400	" "	♂	do
130603	8401	" "	♂	do
130611	8402	" "	♂	do
	<del>8402</del>			<del>do</del>
130608	8403	" "	♂	do
130612	8404	" "	♂	do
	8405	<i>E. gyalitis vocifera</i>	♀	do
	8406	<i>E. gyalitis vocifera</i>	♀	do
	8407	" "	♀	do
130617	8408	<i>Totanus solitarius</i>	♀	do
130655	8409	<i>Phalaropus tricolor</i>	♀	do
	8410	<i>Calamospiza melanocorys</i>	♂ ad.	do
	8411	" "	♂ (ad?)	do
	8412	" "	♀	do
	8413	<i>Passerina amoena</i>	♂ juv.	do
	8414	" "	♂ juv.	do
	8415	" "	♀ ad.	do
	8416	<i>Peucaea cassinii</i>	♂ ad.	do
	8417	<i>Spizella breweri</i>	♂ juv.	do
	8418	" "	♀ ad.	do
	8419	<i>Empidonax</i>	♀ ad.	do
	8420	" "	♂ juv.	do
	8421	" "	♀ juv.	do
	8422	<i>Dendroica aestiva sonora</i>	♂ juv.	do
	8423	" " "	♂ juv.	do
	8424	" " "	♀ juv.	do
	8425	<i>Geothlypis macgillivrayi</i>	♀	do
	8426	<i>Auriparus flaviceps</i>	♂ juv.	do
	8427	<i>Sturnella m. mexicana</i>	♂ (ad?)	Aug. 23, 1892.
	8428	<i>Chordeiles a. texensis</i>	♀ juv.	do

Locality

San Bernardino Ranch, Arizona	270	<sup>523</sup> <del>528</del>	163	67	36	52	34
do	265	<sup>508</sup> <del>513</del>	163	68	37.5	50	33
do	277	<sup>513</sup> <del>548</del>	165	68	36.5	55	35
do	269	<sup>513</sup> <del>496</del>	157	68	37	54	34
do	276	<sup>513</sup> <del>496</del>	164	70	38	55	34
	<del>270</del>						
do	270	<sup>509</sup> <del>517</del>	160	68	35	52	33
do	269	<sup>507</sup> <del>507</del>	162	70	36	50	33
do	260	526	173	103	20	36	25.5
do	257	520	172	107	19	35	24
do	266	525	170	107	19	38	27
do	230	442	143	62	32	33	28.5
do	240	442	135	60	35	34	29
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	140	223	69	56	10.7	16	18
do	155	214	67	69	13	19	18
do	—	—	—	—	—	—	—
do	146	217	67	58	12.4	16	15
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	132	199	63	51	11	20	16.5
do	130	195	63	50	10.5	19	15.5
do	—	—	—	—	—	—	—
do	134	181	57	53	10.7	20	16.5
do	—	—	—	—	—	—	—
do	220	335	110	66	29	41	34
do	—	—	—	—	—	—	—

Museum No.	Collector's No.	Name	Sex and Age	Date
8429		<i>Sturnella</i>	♂ ad.	Aug. 24, 1892.
8430		<i>Spizella breweri</i>	♂ juv.	do
8431		<i>Spiza americana</i>	♂ juv.	do
8432		<i>Passerina amoena</i>	♂ ad.	do
8433		<i>Geothlypis macgillivrayi</i>	♂ juv.	do
<del>8434</del>		<i>Sylvania pusilla</i>	♀	do
8435		<i>Dendroica aestiva sonorana</i>	? juv.	do
8436		<i>Chiraca caerulea euryncha</i>	♂ ad.	Aug. 26, 1892.
8437		" " "	♀ ad.	do
8438		<i>Passerina amoena</i>	? juv.	do
8439		<i>Tyrannus vociferans</i>	♂ juv.	do
8440		<i>Dendroica aestiva sonorana</i>	♀	do
8441		<i>Geothlypis trichas occidentalis</i>	♀	do
8442		<i>Ardea herodias</i>	♀ juv.	do
8443		<i>Sylvania pusilla</i>	♀	do
8444		<i>Chondestes grammacus</i>	♂ ad.	do
8445		<i>Geothlypis macgillivrayi</i>	♀	do
8446		<i>Callipepla squamata</i>	♀ ad.	Aug. 27, 1892.
8447		" "	♂ juv.	do
8448		<i>Spiza americana</i>	♂ juv.	do
8449		<i>Selasphorus?</i>	?	do
8450		do	♂ ad.	do
8451		<i>Himantopus mexicanus</i>	? juv.	do
8452		" "	♀ ad.	do
8453		<i>Creunetes occidentalis</i>	♀ ad.	do
8454		" "	♂	do
8455		<i>Phalaropus tricolor</i>	♂	do
8456		" "	♂	do
8457		" "	♀	do
8458		<i>Totanus flavipes</i>	♀	do
<del>8459</del>		" "	♀	do
8460		" "	♂	do
8461		" "	♂	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
San Bernardino Ranch, Ariz.	245	405	122	78	32	40	36
do	138	195	65	67	9	18.5	16
do	168	260	84	64	14	25	24
do	142	227	77	58	10.5	18	18
do	130	195	63	41	11	22	19
do	126	174	60	53	10	19	14
do	Not measured.						
do	186	294	95	76	18	20	23
do	176	282	88	70	17	20.5	22
do	Not measured.						
do			do.				
do	127	192	60	45	10.5	19	15.3
do	132	182	55	53	7.5	20.5	19
do	Not measured.						
do	128	183	58	54	9	19	14
do	177	293	93	74	15	22	22
do	140	189	59	55	11	21	17.3
do	282	357	120	87	14.5	33	37
do	Not measured.						
do			do.				
do	85	110	44	27	14.5	—	—
do	95	120	47	31	17	—	—
do	357	693	225	83	57	103	43
do	374	708	233	85	63	113	44
do	165	305	97	46	24	23	20
do	164	305	97	45	24	23	19
do	227	441	128	60	30	33	30
do	217	395	125	54	31	33	29
do	231	416	132	60	34	33	29.5
do	270	519	165	70	34	55	34
do	277	515	162	64	38	54	36
do	263	507	164	68	33	54	33



Museum No.	Collector's No.	Name	Sex and age	Date
	8462	<i>Petrochelidon lunifrons</i>	♀	Aug. 27, 1892.
	8463	<i>Spizella socialis arizonae</i>	♀ juv.	Aug. 28, 1892.
	8464	<i>Spizella breweri</i>	?	do
	8465	" "	?	do
	8466	<i>Geothlypis macgillivrayi</i>	♀	do
	8467	<i>Piranga ludoviciana</i>	♀	do
	8468	<i>Geothlypis tr. occidentalis</i>	♂	Aug. 29, 1892
	8469	<i>Xanthocephalus xanthocephalus</i>	♂ juv.	Aug. 28, 1892
	8470	" "	♂ juv.	do
	8471	" "	♀	do
	8472	<i>Phalaropus tricolor</i>	♂ ad.	Aug. 29, 1892
130656	8473	" "	♀ ad.	do
	8474	<i>Botaurus lentiginosus</i>	♂ ad.	Aug. 28, 1892
	8475	<i>Ardea virescens</i>	♀ juv.	Aug. 29, 1892.
	8476	<i>Anas cyanoptera?</i>	♀ ad.	do
	8477	<i>Sotamus flavipes</i>	♂ ad.	do
	8478	<i>Porzana carolina</i>	♂ juv.	do
	8479	<i>Spelgidopteryx serripennis</i>	♂ juv.	do
130629	8480	<i>Creunetes occidentalis</i>	♀	do
130630	8481	" "	♂	do
	8482	" "	♂	do
130626	8483	" "	♂	do
130627	8484	" "	♂	do
	8485	" "	♀	do
130631	8486	" "	♀	do
130632	8487	" "	♀	do
	8488	" "	♀	do
127917	8489	" "	(♀?)	do
	8490	" "	♀	do
130628	8491	" "	♀	do
	8492	<i>Phalaropus tricolor</i>	♀	do
	8493	" "	♂	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
San Bernardino Ranch, Ariz.	263	507	164	68	33	54	33
do Not measured	139	285	100	52	7.5	12.5	16
do	141	200	62	64	9.5	17.5	17
do							
do	135	182	57	54	11	20	16.5
do							
do	134	179	57	56	—	20	17
do	270	452	169	110	22	36	38
do	275	450	146	115	22	35.5	38
do							
do	219	398	124	50	29	33	29
do	218	392	123	52	32	34	28.5
do	685	1100	284	100	82	97	103
do	Young of the year.						
do	585	630	185	73	42	31	44
do	260	505	162	64	35	50	33
do							
do							
do	174	318	101	46	27	24	21
do	163	307	98	41	23	23.5	20
do	160	303	97	42	24	22.5	19
do	160	306	98	45	23.5	22	18.5
do	161	300	96	43	23	22.5	19
do	170	316	102	44	27	23	19.3
do	175	315	102	46	28	23.5	20
do	168	309	98	44	25	22	19.8
do	166	312	100	44	25.5	23	19.3
do	176	322	103	46	27	24	20
do	174	320	102	47	28	24	20.2
do	169	314	102	44	27	23	20
do	233	427	131	55	34	35	29
do	219	392	123	50	31	35	19

Museum No.	Collector's No.	Name	Sex and Age	Date
8467a		<del>Xanthocephalus</del> <i>Xanthocephalus xanthocephalus</i>	♀	Aug. 28, 1892
8468a		" "	♀	do
8494		<i>Creunetes pusillus</i>	♀	Aug. 29, 1892
8495		" "	♀	do
8496		" "	?	do
8497		" "	♂	do
8498		" "	(♀?)	do
8499		" "	♂	do
8500		" "	♂	do
8501		<i>Empidonax griseus?</i>	?	Aug. 30, 1892.
8502		<i>Stellula calliope</i>	♂ juv.	do
8503		<i>Chondestes</i>	?	do
8504		<i>Guiraca caerulea euryncha</i>	♂ juv.	do
8505		<i>Passerina amoena</i>	♂ juv.	do
8506		<i>Geothlypis macgillivrayi</i>	♀ juv.	do
8507		<i>Xanthocephalus xanthocephalus</i>	♀ ad.	do
8508		" "	♀ ad.	do
8509		<i>Spizella breweri</i>	♂	do
8510		<i>Amphispiza bilineata</i>	♂ juv.	do
8511		Hummingbird <i>Selasphorus</i> or <i>Stellula</i>	?	do
8512		<i>Sylvania pusilla</i>	♂ ad.	Aug. 31, 1892.
8513		" "	♂ ad.	do
8514		" "	♀ ad.	do
8515		" "	♀ ad.	do
8516		" "	♀ ad.	do
8517		<i>Geothlypis macgillivrayi</i>	♀	do
8518		<i>Setophaga ruticilla</i>	♂ juv.	do
8519		<i>Poliophtila melanura</i>	♀	do
8520		<i>Vireo gilvus</i>	♀ juv.	do
8521		" "	♀ ad.	do
8522		<i>Petrochelidon lunifrons</i>	♂ juv.	do
8523		<i>Dryobates s. bairdi</i>	♂ ad.	do

Locality	Length	Alare span	Wing	Tail	Culmen	Tarsus	Stomach contents
San Bernardino Ranch, Arizona.	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	148	283	90	41	18	19.5	19.5
do	155	296	94	46	19	20	20
do	156	306	95	45	19	20.5	21
do	148	283	90	41	18	19	19
do	154	287	91	46	19	19	19
do	146	282	88	41	17.5	20	19.2
do	150	293	92	44	19.8	19.3	20
do	147	225	69	62	11.7	18.	13.5
do	96	119	47	27.5	19	—	—
do	172	264	85	75	13	21	19
do	—	—	—	—	—	—	—
do	142	222	70	54	9.2	16.5	17.5
do	—	—	—	—	—	—	—
do	222	378	122	93	20	33	32
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	96	115	48	30	19	—	—
do	125	182	59	55	9.2	19	14
do	—	—	—	—	—	—	—
do	130	178	58	52	9.5	19	15
do	128	179	56	50	9	18.5	14
do	126	180	57	52.5	9	19.5	15
do	140	198	62	57	10.8	22	17
do	140	197	64	58	8.5	17.5	14
do	118	158	49	53	9.5	17	11
do	—	—	—	—	—	—	—
do	140	223	70	56	10	17.3	14
do	—	—	—	—	—	—	—
do	191	247	108	70	23	18.5	22

Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Length

Alarexpanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

8524	<i>Quiraca caerulea euryncha</i>	♀ ad.	Aug. 31, 1892.
8525	<i>Empidonax difficilis</i>	♀ juv.	do
8526	<i>Empidonax</i>	♀ juv.	do
8527	<i>Ceryle alcyon</i>	♀ ad.	Sept. 1, 1892.
8528	"	♂	Sept. 2, 1892.
8529	<i>Anas carolinensis</i>	?	do
8530	"	♂ juv.	do
8531	<i>Ardea virescens</i>	♀	do
8532	<i>Plegadis guarauna</i>	♀ juv.	do
8533	<i>Symphemia semi. inornata</i>	♀ ad.	do
8534	<i>Nycticorax nycticorax naevius</i>	♀ juv.	Sept. 3, 1892.
8535	<i>Buteo borealis calurus</i>	♀ ad.	do
8536	<i>Strix pratensis</i>	♀ ad.	Sept. 4, 1892
8537	<i>Sciurus noveboracensis notabilis</i>	♂	do
8538	"	♀	do
8539	"	♀	do
8540	"	♀	do
8541	<i>Vireo solitarius cassinii</i>	♂	do
8542	"	♂	do
8543	<i>Leontopis borealis</i>	♂ juv.	do
8544	<i>Piranga rubra cooperi</i>	♂ ad.	do
8545	<i>Troglodytes aedon</i>	♀	do
8546	<i>Turdus (Hylocichla)</i>	♀	do
8547	<i>Icteria virens longicauda</i>	?	do
8548	<i>Geothlypis trichas occidentalis</i>	♀ ad.	do
8549	<i>Ammodramus s. alaudinus</i>	♂	do
8550	"	?	do
8551	"	♂	do
8552	<i>Sylvania pusilla</i>	♂ ad.	do
8553	"	♂ ad.	do
8554	<i>Auriparus flaviceps</i>	♂	do
8555	<i>Passerina amoena</i>	♀	do

San Bernardino Ranch, Ariz.

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

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do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

185

277

87

71

19

20.5

24

345

590

174

106

61

12

25

335

570

165

104

47

12

22.5

382

620

185

85

35

32

46

400

640

195

83

40

32

48

485

680

200

72

56

51

61

456

820

245

90

86

76

71

384

715

215

88

64

64

45

600

1090

306

109

66

77

87

Not measured.

385

1170

350

142

24

72

57

163

255

82

61

13.5

22

18

162

244

78

60

13.3

22

18.3

158

238

75

58

14

21.5

18

160

235

72

81

13

22

18.5

140

230

73

54

11

20

16

143

229

74

56

11

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16

133

173

53

52

12

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133

173

53

52

12

16

17

188

297

96

75

14

28

22.5

188

297

96

75

14

28

22.5

195

256

80

90

15.5

26

23

195

256

80

90

15.5

26

23

135

178

54

54

12

20.5

18

148

244

74

55

11

23

20.5

146

242

74

57

9.6

20

20

147

236

73

56

11

21.5

20.7

131

176

70

55

9.5

19

14

132

191

60

60

9.5

19

14



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8556		<i>Sayornis nigricans</i>	♀ juv.	Sept. 4, 1892.	San Bernardino Ranch, Arizona							
8557		<i>Xanthocephalus xanthocephalus</i>	♀ ad.	do	do							
8558		<i>Centurus uropygialis</i>	♂ ad.	do	do							
8559		"	♀	do	do							
8560		"	♀	do	do							
8561		<i>Totanus solitarius</i>	♀	do	do	233	440	142	62	34	35.5	30.5
8562		"	♀	do	do	234	437	140	61	29	32	29
8563		<i>Nycticorax n. naevius</i>	♀ juv.	do	do							
8564		<i>Accipiter cooperi</i>	♀ juv.	do	do	476	850	267	240	18.5	68	54
8565		<i>Corvus corax sinuatus</i>	♂ ad.	do	do	640	1260	438	150	70	72	66
8566		<i>Lafila acuta</i>	♂ juv.	do	do	590	905	275	128	52	45	63
8567		<i>Melospiza lincolni</i>	♀	Sept. 5, 1892	do	148	203	62	63	10.8	20	19
8568		<i>Helodytes brunneicapillus</i>	♀	do	do							
8569		<i>Piranga ludoviciana</i>	♀	do	do							
8570		<i>Xanthocephalus xanthocephalus</i>	♀	do	do							
8571		<i>Empidonax difficilis</i>	♀	do	do	142	206	64	60	11.5	16.5	14
8572		<i>Leontopus richardsonii</i>	?	do	do							
8573		<i>Vireo gilvus savainsonii</i>	?	do	do	133	225	70	56	9	18	14
8574		<i>Geothlypis macgillivrayi</i>	♀	do	do							
8575		<i>Sylvania pusilla</i>	♂ ad.	do	do							
8576		"	♂ ad.	do	do							
8577		"	♀	do	do							
8578		<i>Spizella breweri</i>	♀	Sept. 6, 1892.	tag 8579							
8579		<i>Pipilo fuscus mesoleucus</i>	♂ juv.	do	" 8578							
8580		<i>Stellula calliope</i>	?	do	do							
8581		<i>Selasphorus rufus</i>	♂ juv.	do	do							
8582		"	♂ juv.	Sept. 7, 1892	do							
8583		<i>Stellula calliope</i>	?	do	do							
8584		"	?	do	do							
8585		<i>Trochilus alexandri</i>	♀	do	do	98						
8586		<i>Selasphorus?</i>	?	Sept. 8, 1892.	do	98	119	48	31	18	X	X
8587		<i>Geothlypis tr. occidentalis?</i>	♀	do	do	195	287	90	91	11	18	17

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8588		<i>Chelidon erythrogaster</i>	♂ ad.	Sept. 8, 1892	San Bernardino Ranch, Arizona.	180	320	119	84	8.7	12	16.5
8589		<i>Harporhynchus crissalis</i>	ad.	Sept. 9, 1892	do	—	—	—	—	—	—	—
8590		<i>Ardea herodias</i>		Sept. 1, 1892	Leapon Creek, Sonora	—	—	—	—	—	—	—
8591		<i>Circus hudsonius</i>	juv.	Sept. 5, 1892	San Bernardino Ranch, Arizona	—	—	—	—	—	—	—
8592		<i>Bubo virginianus subarcticus</i>	ad.	do	do	—	—	—	—	—	—	—
8593		<i>Nycticorax n. naevius</i>	♂ juv.	Sept. 11, 1892	do	—	—	—	—	—	—	—
8594		<i>Stellula calliope</i>	?	do	do	—	—	—	—	—	—	—
8595		<i>Pyrocephalus rub. mexicanus</i>	♂ ad.	Sept. 14, 1892.	Johnston's Ranch, 17 mi. S. of Bisbee, Arizona	—	—	—	—	—	—	—
8596		<i>Callipepla squamata</i>	? juv.	do	do	—	—	—	—	—	—	—
8597		"	? juv.	do	do	—	—	—	—	—	—	—
8598		<i>Zenaidura macroura</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8599		<i>Poocætes gramineus confinis</i>	♀	do	do	158	270	86	65	13	21	20
8600		"	♀	do	do	165	268	86	66	12	21	20.5
8601		<i>Sylvania pusilla</i>	♂ ad.	do	do	126	184	60	57	9	18.5	15
8602		<i>Salpinctes obsoletus</i>	♂ ad.	Sept. 15, 1892.	do	156	234	73	58	20	22	18.5
8603		<i>Pipilo chlorurus</i>	♀	do	do	—	—	—	—	—	—	—
8604		<i>Callipepla squamata</i>	ad.	do	do	—	—	—	—	—	—	—
8605		<i>Pyrocephalus r. mexicanus</i>		do	do	—	—	—	—	—	—	—
8606		<i>Salpinctes obsoletus</i>	♂	Sept. 14, 1892.	do	—	—	—	—	—	—	—
8607		<i>Lanius l. excubitorides</i>	♀	do	do	—	—	—	—	—	—	—
8608		<i>Icterus bullocki</i>	? juv.	do	do	—	—	—	—	—	—	—
8609		<i>Tyrannus vociferans</i>	♂ juv.	Sept. 15, 1892.	do	—	—	—	—	—	—	—
8610		<i>Poocætes gramineus confinis</i>	?	do	do	165	288	88	70	11.5	22.5	20
8611		<i>Oreoscoptes montanus</i>	♀	do	do	229	317	102	100	17	30.5	25.5
8612		"	♀	do	do	228	318	101	98	17	31	25
8613		<i>Vireo gilvus swainsonii</i>	♂	do	do	132	218	70	52	10	16.5	14
8614		"	?	do	do	134	214	68	51	10.5	18	14
8615		<i>Spizella breweri</i>	?	do	do	146	205	65	67	8.8	18.7	18
8616		<i>Helminthophila celata</i>	?	do	do	136	207	67	56	11	18	15.5
8617		<i>Chondestes gr. strigatus</i>	?	do	do	171	270	86	71	12.5	20	20.5
8618		<i>Pipilo chlorurus</i>	♂ juv.	do	do	195	260	80	90	13	25	24
8619		<i>Buteo borealis calurus</i>	♀ ad.	do	do	560	1360	418	234	28	90	65

Museum No.	Collector's No.	Name	Sex and age	Date	Locality	Length	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8620		<i>Ardea virescens</i>	♀ juv.	Sept. 17, 1892.	Johnston's Ranch, (7 mi. S. of Bisbee) Ariz.	—	—	—	—	—	—
8621		<i>Geothlypis macgillivrayi</i>	♂ J.H.	do	do	143	202	64	60	20.5	17
8622		<i>Melospiza lincolni</i>	♂	do	do	156	217	68	66	20.5	19.5
8623		<i>Salpinctes obsoletus</i>	♂	do	do	149	218	69	54	20	18
8624		<i>Piranga ludoviciana</i>	♀	do	do	—	—	—	—	—	—
8625		<i>Sayornis saya</i>	♂	do	do	—	—	—	—	—	—
8626		<i>Piranga ludoviciana</i>	♂ juv.	Sept. 19, 1892.	do	189	295	78	76	21	19.5
8627		<i>Tachycineta thalassina</i>	♂ ad.	do	do	134	314	121	53	13	14
8628		<i>Cathartes aura</i>	? ad.	do	do	620	1590	505	267	23	82
8629		<i>Accipiter cooperi</i>	juv.	Sept. 20, 1892.	do	488	890	281	246	18	59
8630		<i>Ammodramus s. alaudinus</i>	♀ ad. 3. X. 96.	do	do	144	232	72	57	11	19
8631		<i>Guiraca cae. eurhyncha</i>	♂ juv.	do	do	—	—	—	—	—	—
8632		<i>Empidonax (griseus?)</i>	♂	do	do	—	—	—	—	—	—
8633		<i>Mimus polyglottos</i>	♂ juv.	Sept. 24, 1892.	do	—	—	—	—	—	—
8634		<i>Dendroica auduboni</i>	♂	do	do	—	—	—	—	—	—
8635		<i>Sayornis saya</i>	♂	Sept. 25, 1892.	do	195	330	110	85	23	19.5
8636		<i>Empidonax difficilis?</i>	?	do	do	—	—	—	—	—	—
8637		<i>Vireo gilvus swainsonii</i>	?	do	do	—	—	—	—	—	—
8638		<i>Amphispiza bilineata</i>	♂?	do	do	146	205	71	73	21	18
8639		<i>Melospiza lincolni</i>	?	do	do	150	210	68	58	23	20
8640		" "	♂ ad.	do	do	145	198	68	57	21	20
8641		<i>Stellula calliope</i>	♂ juv.	do	do	85	108	40	27	x	x
8642		<i>Setophaga picta</i>	? ad.	Sept. 26, 1892.	San Jose Mountains, Sonora.	148	215	71	72	15.5	16
8643		<i>Falco sparverius deserticolus</i>	♀ ad.	do	do	290	603	199	145	37	30
8644		<i>Aphelocoma sieberii arizonae</i>	♂ ad.	do	do	338	523	173	164	40	33
8645		" " "	?	do	do	—	—	—	—	—	—
8646		" " "	♂	do	do	—	—	—	—	—	—
8647		" " "	♂?	do	do	—	—	—	—	—	—
8648		" " "	♀	do	do	—	—	—	—	—	—
8649		<i>Ammodramus s. alaudinus</i>	♀	Sept. 28, 1892.	Johnston's Ranch, (7 mi. S. of Bisbee) Ariz.	144	225	73	55	21	21
8650		<i>Leistothorus p. paludicola</i>	♀	do	do	128	173	55	44	20.5	17
8651		<i>Geothlypis tr. occidentalis</i>	♂	do	do	141	183	71	60	22	21



Museum No. Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8652	<i>Zonotrichia intermedia</i>	♂ juv.	Sept. 28, 1892.	Johnston's Ranch, (1 mi. S. of Bisbee) Arizona	182	249	82	83	13	23.5	24
8653	<i>Spiza americana</i>	♀	do	do	161	250	79	63	14	23	22
8654	<i>Tyrannus vociferans</i>	♂ im.	do	do	Not measured.						
8655	<i>Melospiza lincolni</i>	♂	Oct. 2, 1892	San Jose Mountains, Sonora	148	197	65	61	12	20.5	20
8656	<i>Sylvania pusilla</i>	♂ ad.	do	do	119	170	57	47	9	18	13.5
8657	<i>Empidonax</i> (very yellow below)	♂ X.H.	do	do	150	224	70	63	12	17	14
8658	<i>Regulus calendula</i>	(♂?) ad.	do	do	119	179	63	50	9	22.5	13
8659	<i>Callipepla squamata</i>	♂ ad.	do	do	282	402	125	96	13	33	37
8660	" "	♂ ad.	do	do	280	390	120	100	13	34	37
8661	<i>Vireo gilvus swainsonii</i> ??	♂	do	do	135	213	68	53	14	16	13
8662	<i>Columba fasciata</i>	♂ juv.	do	do	330	604	203	117	19	27	39
8663	" "	♂ juv.	do	do	339	590	195	124	17	27	38
8664	<i>Cyanocitta s. macrolopha</i>	♂ ad.	Oct. 3, 1892.	do	415	—	155	144	27.5	44	32
8665	<i>Leontopus richardsonii</i>	? juv.	do	do	143	200	67	63	11	22	19
8666	<i>Phainopepla nitens</i>	? juv.	do	do	—	—	—	—	—	—	—
8667	<i>Empidonax</i> (very yellow)	♀	do	do	136	202	65	57	11	17	12
8668	<i>Empidonax</i>	?	do	do	—	—	—	—	—	—	—
8669	"	?	do	do	132	220	70	58	11	17	14
8670	"	♂ juv.	do	do	—	—	—	—	—	—	—
8671	<i>Setophaga picta</i>	(♂?)	do	do	139	206	71	66	10	18	15.5
8672	" "	♂	Oct. 4, 1892.	do	145	221	74	70	10	19	16
8673	" "	?	do	do	145	210	74	69	10	18	15
8674	<i>Spizella socialis arizonae</i>	♂	do	do	150	232	79	70	10	19	18
8675	<i>Sitta carolinensis aculeata</i>	?	do	do	—	—	—	—	—	—	—
8676	<i>Parus wollweberi</i>	♀ ad.	do	do	135	206	72	65	—	19	14.5
8677	" "	♀ juv.	do	do	—	—	—	—	—	—	—
8678	" "	♂ juv.	do	do	—	—	—	—	—	—	—
8679	<i>Aphelocoma woodhousei</i>	♀	do	do	214	360	125	110	11	23	21
8680	<i>Myadestes townsendii</i>	♂ ad.	Oct. 5, 1892.	do	214 193	360 325	125 102	110 86	11 14	23 33	21 24
8681	<i>Turdus aonalaschkae auduboni</i>	♂ ad.	do	do	126	169	57	55	9	20	15
8682	<i>Sylvania pusilla</i>	♂ ad.	do	do	126	169	57	55	9	20	15
8683	<i>Accipiter velox</i>	♂ juv.	do	do	—	—	—	—	—	—	—

Museum No.	Collector's No.	Name	Sex and Age	Date
8684		<i>Aphelocoma sieberii arizonae</i>	♂	Oct. 6, 1892.
8685		" " "	♂ ad	do
8686		<i>Turdus</i>	♀ juv.	do
8687		<i>Junco cinereus palliatus</i>	♂ ad	do
8688		<i>Spizella socialis arizonae</i> ?	? juv.	do
8689		<i>Troglodytes aedon aztecus</i>	? juv.	do
8690		<i>Empidonax</i> (very yellow)	♂ juv.	do
8691		<i>Corvus corax sinuatus</i>	?	do
8692		<i>Setophaga picta</i>	♂	do
8693		<i>Accipiter velox</i>	♀ juv.	do
8694		<i>Myadestes townsendii</i>	♂ ad.	Oct. 7, 1892.
8695		<i>Spizella socialis arizonae</i>	♂ ad.	do
8696		<i>Aphelocoma sieberii arizonae</i>	♀ ad.	do
8697		" " "	♀	do
8698		" " "	♀	do
8699		" " "	♂	do
8700		<i>Stellula calliope</i> ?	(♀?)	do
8701		<i>Aphelocoma sieberii arizonae</i>	♂	do
8702		<i>Aphelocoma woodhousei</i>	♂	do
8703		<i>Aphelocoma s. arizonae</i>	♀ ad.	do
8704		<i>Accipiter velox</i>	♂ juv.	Oct. 10, 1892
8705		<i>Falco richardsonii</i>	♂ ad.	do
8706		<i>Buteo borealis calurus</i>	♀ ad.	do
8707		<i>Zonotrichia intermedia</i>	♀ juv.	do
8708		<i>Totanus solitarius</i>	♂ ad.	do
8709		<i>Geococcyx californianus</i>	♂ juv.	do
8710		<i>Empidonax</i> (very yellow)	♂	do
8711		<i>Sayornis nigricans</i>	♀ ad.	do
8712		<i>Ceryle alcyon</i>	♀ ad.	do
8713		<i>Corvus corax sinuatus</i>	♀ ad.	Oct. 11, 1892
8714		" " "	♂ ad.	do
8715		<i>Chelidon erythrogaster</i>	♂ ad.	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	9 middle toe and claw
San Jose Mts., Sonora.	347	520	172	158	29	45	38
do	342	510	170	159	30	43	35
do	Not measured.						
do	162	245	87	76	12	22	20
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	Bill all yellow below.						
do	635	1272	440	260	72	69	64
do	144	210	70	68	10	18	17
do	355	648	210	198	12	55	47
do	207	345	125	110	11.5	22	22
do	—	—	—	—	—	—	—
do	335	520	176	159	29	46	35
do	340	505	165	148	29	45	38
do	344	514	169	154	30	45	37
do	335	515	167	154	29	42	36
do	99	112	45	32	17	—	—
do	—	—	—	—	—	—	—
do	310	405	186	147	26	42	33
do	—	—	—	—	—	—	—
San Pedro River, Mex. B.D. Line.	—	—	—	—	—	—	—
do	305	633	208	139	12.7	40	40
do	600	1420	440	165	26	94	68
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	143	221	68	62	11.2	17	10
do	183	287	89	80	12.5	18	15
do	345	570	166	100	54	12	24
do	615	1285	430	270	67	69	64
do	630	1300	440	267	68	69	68
do	182	325	119	90	8	10.5	16

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8716		<i>Chelidon erythrogaster</i>	♂ ad.	Oct. 11, 1892	San Pedro River, Mex. B.D. Line	190	333	124	94	8	12	17
8717		"	? juv.	do	do							
8718		<i>Nycticorax n. naevius</i>	♀ juv.	do	do							
8719		<i>Sayornis saya</i>	♂ ad.	do	do	198	333	109	88	15	20	17.5
8720		<i>Tachycineta thalassina</i>	♀ juv.	do	do							
8721		"	♀ juv.	do	do							
8722		<i>Parus wollweberi</i>	♂	do	do	120	220	65	63	9	16	14
8723		<i>Helminthophila celata</i>	♀	do	do	124	230	68	46	11	17.5	16
8724		<i>Accipiter cooperi</i>	♂ juv.	do	do	413	730	228	210	15	58	49
8725		<i>Chelidon erythrogaster</i>	♀	Oct. 12, 1892.	do	177	330	188	87	9.4	13	17
8726		<i>Sphyrapicus varius nuchalis</i>	♂ ad.	do	do	213	405	131	86	22	20	23
8727		<i>Empidonax</i>	♀	do	do	141	218	67	63	11	18	13
8728		<i>Corvus cryptoleucus</i>	♂ ad.	do	do	537	1080	353	276	55	64	60
8729		"	♀ ad.	do	do	517	1055	342	213	46	64	56
8730		"	♂ ad.	do	do	540	1140	377	225	51	62	60
8731				do	do							
8732		<i>Helminthophila celata</i>	♀	do	do							
8733		<i>Zonotrichia intermedia</i>	♀ juv.	do	do							
8734		<i>Lanius l. excubitorides</i>	♀	do	do							
8735		<i>Pooecetes gr. confinis</i>	♀ juv.	do	do							
8736		<i>Spatula clypeata</i>	♂ juv.	Oct. 13, 1892.	do							
8737		<i>Anas americana</i>	♂ ad.	do	do	525	884	275	143	37	41	58
8738		<i>Chelidon erythrogaster</i>	♂	do	do							
8739		"	?	do	do							
8740		"	?	do	do							
8741		"	♂	do	do							
8742		"	?	do	do							
8743		"	?	do	do							
8744		"	♂	do	do							
8745		"	♂	do	do							
8746		"	♀	do	do							
8747		"	?	do	do							



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Wing	Tail	Culmen	Tarsus	Middle toe and claw	
8748		<i>Chelidon erythrogaster</i>	♀	Oct. 13, 1892.	San Pedro River, Mex. B.D. Line.							
8749		<i>Poliophtila</i>	♀ juv.	do	do							
8750		<i>Geothlypis tr. occidentalis</i>	♂ juv.	do	do							
8751		<i>Sylvania pusilla</i>	♂ ad.	do	do							
8752		<i>Otocoris alpestris adusta</i>	♂	do	do							
8753		<i>Corvus cryptoleucus</i>	♀ ad.	do	do	525	1090	362	216	51	63	59
8754		<i>Falco mexicanus</i>	♀	Oct. 14, 1892.	do	477	1075	342	204	24	62	70
8755		<i>Speotyto cun. hypogaea</i>	♂ ad.	do	do	240	630	178	85	14	50	28
8756		<i>Sturnella magna neglecta</i>	♂ ad.	do	do	156	412	126	82	33	40	32.5
8757		<i>Egialitis vocifera</i>	♂ ad.	Oct. 15, 1892.	do	Not measured.						
8758		"	♀ ad.	do	do	do.						
8759		<i>Icteria virens longicauda</i>	♀ ad.	do	do	183	246	79	78	13	25	21
8760		<i>Geothlypis tr. occidentalis</i>	♂ ad.	do	do	140	185	57	60	11.5	21	17.5
8761		<i>Tringa minutilla</i>	♀	do	do							
8762		"	♂	do	do							
8763		<i>Gonotrichia leucophrys</i>	♂ ad.	do	do							
8764		<i>Poocætes gr. confinis</i>	♀ ad.	do	do							
8765		<i>Gonotrichia intermedia</i>	♂ juv.	do	do							
8766		"	♂ ad.	do	do							
8767		<i>Sachycineta thalassina</i>	♂ ad.	do	do							
8768		"	♂ ad.	do	do							
8769		"	♂ juv.	do	do							
8770		<i>Chelidon erythrogaster</i>	♀	do	do							
8771		<i>Aironaltes melanoleucus</i>	♂ ad.	Oct. 21, 1892.	do	148	322	139	62	6	12	14
8772		<i>Merula migratoria propinqua</i>	♀ ad.	do	do	263	428	144	109	-	31	31
8773		<i>Anthus pensilvanicus</i>	♂ ad.	do	do	167	265	89	70	13	23	19
8774		<i>Cyanocitta st. macrolopha</i>	♀ ad.	do	Huachuca Mts., Arizona	311	463	148	143	27	45.5	33.5
8775		<i>Aphelocoma s. arizonæ</i>	♀ ad.	do	do	323	502	164	150	28	43	34
8776		<i>Melanerpes f. aculeatus</i>	♀ ad.	do	do	240	450	145	93	25	20	22.5
8777		"	♂ ad.	do	do	241	450	142	88	24.5	21	24
8778		"	♀ juv.	do	do							
8779		<i>Dryobates villosus hyloscopus</i>	♂ ad.	do	do	232	399	125	87	28	22	24

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8779		<i>Dryobates arizonae</i>	♂ ad.	Oct. 21, 1892.	Huachuca Mts., Arizona.	215	375	219	77	27	21	20
8780		<i>Parus wollweberi</i>	♀	do	do							
8781		<i>Sitta pygmaea</i>	♀ ad.	do.	do	114	212	76	40	13	15	15.5
8782		<i>Certhia f.</i> ?	♀ ad.	do	do	135	292	63	65	13	15	15
8783		<i>Salpinctes obsoletus</i>	♂ ad.	do	do	162	243	78	62	17	21.5	17.5
8784		<i>Empidonax</i>	?	do	do	140	225	72	60	9.8	17	13
8785		<i>Agelaius phoeniceus</i>	♀	Oct. 22, 1892.	San Pedro River, MEX. Bd. LINE.	204	344	110	84	19	26.5	26.5
8786		<i>Scolecophagus cyanocephalus</i>	♀	do	do							
8787		<i>Aegialitis vocifera</i>	♀ ad.	do	do	255	508	166	102	19	34.5	25.5
8788		<i>Gallinago delicata</i>	♀ ad.	do	do	283	465	144	65	64	35	39
8789		<i>Harporynchus c. palmeri</i>	♀ ad.	Oct. 23, 1892	do	287	349	109	127	39.5	31	31.5
8790		<i>Anas strepera</i>	♀ juv.	do	do	460	860	252	88	40.5	39.5	51
8791		<i>Sayornis nigricans</i>	♀ im.	do	do	183	287	90	79	12.5	18	15.5
8792		<i>Anthus pensilvanicus</i>	♀ ad.	Oct. 17, 1892.	do							
8793		<i>Zonotrichia leucophrys</i>	♀ ad.	do	do							
8794		<i>Falco columbarius</i>	♂ ad.	Oct. 25, 1892	do	291	605	201	127	11.5	38	43
8795		<i>Otocoris</i>	♂ ad.	Oct. 26, 1892.	do	182	330	110	77	11	24	19
8796		"	♀ ad.	do	do	170	313	164	72	10.5	23	18
8797		<i>Merula m. propinqua</i>	♀ ad.	do	do	260	400	137	109	22	35	29
8798		<i>Bubo virg. subarcticus</i>	♂ ad.	do	Huachuca Mts., Arizona.	520	1032	377	222	28	64	71
8799		<i>Regulus calendula</i>	♂ ad.	do	do.	116	183	60	50	9.5	18.5	13
8800		<i>Otocoris a. adusta</i>	♀ ad.	do	San Pedro River, MEX. Bd. LINE.	170	315	102	70	11.5	21	18
8801		<i>Calcarinus ornatus</i>	♂	do	do	152	268	82	63	9.5	20	19
8802		" "	♂	do	do	166	286	93	69	11	19.5	19
8803		" "	♀	do	do	151	263	83	59	16.5	19.5	18.5
8804		" "	♀	do	do	149	265	82	60	9.4	20	17
8805		<i>Sialia mex. bairdi</i>	♂ ad.	do	Huachuca Mts., Arizona.	177	341	115	75	11.2	20	19.5
8806		<i>Centurus uropygialis</i>	♂ ad.	do	do	266	453	139	96	32	24	31
8807		<i>Dryobates scalaris bairdi</i>	♀ ad.	do	do	188	340	105	71	19	19	18.5
8808		<i>Aphelocoma s. arizonae</i>	♀ ad.	do	do	343	533	170	157	29.5	42	36
8809		" " "	♀ ad.	do	do	335	510	167	149	30	41	33
8810		" " "	♀ ad.	do	do	347	540	175	161	30	43.5	35

Museum No. Collector No.

Name

Sex  
and  
age

Date

Locality

Length

Wing  
expanse

Tail

Culmen

Tarsus

Middle  
toe and claw

8811

*Sayornis saya*

♂ ad.

Oct. 27, 1892.

San Pedro River, MEX. B.D. LINE

198

340

114

88

16

21

18

8812

*Anas carolinensis*

♀ ad.

Oct. 29, 1892.

do

345

590

184

81

35

29

42

8813

*Sayornis nigricans*

♀ juv.

Oct. 15, 1892.

do

8814

*Ceryle americana septentrionalis*

♂ ad.

Nov. 10, 1892.

Fort Belark, Texas.

218

292

86

66

44

11

17

8815

*Thryothorus t. lomitensis*

♀ ad.

do

do

148

196

60

56

17

21.5

20

8816

*Falco sparverius*

♂ im.

do

do

265

565

190

170

12

36

29

8817

*Melanerpes aurifrons*

♂ ad.

do

do

170

420

141

95

34

25

30

8818

*Dendroica coronata*

♀

do

do

8819

*Regulus calendula*

♂ ad.

Nov. 17, 1892.

do

Crown ad.

115

184

60

47

9

19.5

13

8820

*Harporhynchus l. sennetti*

♀ ad.

do

do

293

327

102

138

26.5

33

31

8821

*Ceryle americana septentrionalis*

♂ ad.

do

do

219

307

85

64

44

11

17.5

8822

*Cardinalis c. canicaudus*

♂ ad.

do

do

223

303

95

111

19

26

24

8823

*Pipilo maculatus <sup>arcticus?</sup> megalonyx?*

♂ ad.

do

do

219

290

91

111

14.2

28

29

8824

*Melanerpes aurifrons*

♂ ad.

Nov. 19, 1892.

do

260

448

135

94

33

24.5

28

8825

" "

♀ ad.

do

do

256

429

135

94

27

24

27.5

8826

*Harporhynchus l. sennetti*

♂ ad.

do

do

292

332

102

133

26

35

30

8827

*Thryothorus t. (lomitensis?)*

♀ ad.

do

do

144

192

59

55

16

20

19.5

8828

*Cardinalis c. canicaudus*

♂ ad.

do

do

223

297

93

111

19

25

23.5

8829

*Turdus aonalaschkae*

♀ ad.

do

do

182

293

95

72

14

31

22.5

8830

*Pipilo m. arcticus*

♀ ad.

do

do

210

277

86

102

14

29

26.5

8831

" "

♀ ad.

do

do

210

279

88

104

14

28

27

8832

*Colaptes cafer*

♀ ad.

Nov. 20, 1892.

do

326

540

167

124

36

30

33

8833

*Sturnella magna neglecta*

♀

do

do

236

381

118

76

31

37

33

8834

*Mimus polyglottos*

♂ ad.

do

do

267

366

115

128

19

34

29

8835

*Zonotrichia leucophrys*

♂ ad.

do

do

182

256

81

82

11.5

23.5

23

8836

" "

♀ ad.

do

do

180

248

80

78

11.2

23

22

8837

*Melanerpes aurifrons*

♀ ad.

Dec. 3, 1892

do

261

441

134

92

30.5

25

28

8838

" "

♂ ad.

do

do

271

444

135

92

31.5

24.5

27.5

8839

" "

♂ ad.

do

do

264

438

137

92

34

25

28

8840

" "

♂ ad.

do

do

268

440

135

91

32.5

24

28

8841

*Cardinalis c. canicaudus*

♂ ad.

do

do

223

295

90

102

19

24

23

8842

*Spinus tristis*



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8843		<i>Regulus calendula</i>	♀ ad.	Dec. 18, 1892.	Fort Clark, Texas.							
8844		<i>Ampelis cedrorum</i>	♂ im.	do	do							
8845		" "	♀ ad.	do	do	184	305	100	62	10.8	18	21
8846		<i>Parus atricristatus</i>	♀ ad.	do	do	155	239	74	72	11.2	20	17.5
8847		<i>Thryothorus bewickii</i>	♂ ad.	do	do	141	186	58	62	15	19	17
8848		<i>Cardinalis c. canicaudus</i>	♂ ad.	do	do	230	311	98	117	20	25.5	26.5
8849		<i>Ceryle americana septentrionalis</i>	♂ ad.	do	do	224	313	86	68	45	15	19
8850		<i>Merula migratoria</i>	♀ ad.	Dec. 21, 1892.	do	256	399	130	107	18.2	32	27
8851		" "	♂ ad.	do	do	257	405	136	106	19	34	29
8852		<i>Turdus aonalaschkei</i>	♀ ad.	do	do	179	285	92	71	12.5	30	23.5
8853		<i>Parus atricristatus</i>	♀ ad.	do	do	148	228	71	66	11	19	17
8854		" "	♀ ad.	do	do	152	232	73	70	11.5	18.5	16.5
8855		<i>Certhia familiaris</i>	♀ ad.	do	do	135	194	63	65	13	15	16
8856		<i>Sialia mex. bairdi</i>	♂ ad.	do	do	177	326	110	75	11	20.5	19.5
8857		" " "	♀ ad.	do	do	175	327	112	70	12	20	19.5
8858		<i>Thryothorus bewickii</i>	♂ ad.	do	do	142	190	60	60	15	18	17
8859		<i>Thryothorus l.</i>	♀ ad.	do	do	150	200	64	56	17	21.5	20.5
8860		<i>Mimus polyglottos</i>	♀ ad.	do	do	250	350	111	119	18	33	28
8861		<i>Sayornis phoebe</i>	♂ ad.	do	do	181	288	88	81	13.3	18	16
8862		<i>Melanerpes aurifrons</i>	♂ ad.	do	do	259	439	135	92	33	24	30
8863		" "	♀ ad.	do	do	246	422	132	87	27	23	27
8864		" "	♀ ad.	do	do	253	435	135	94	30	23	28
8865		<i>Sphyrapicus varius</i>	♀ im.	do	do	214	390	126	85	24.5	20	22
8866		<i>Accipiter cooperi</i>	♀ ad.	do	do	510	900	272	338	20.5	73	63
8867		<i>Melospiza lincolni</i>	♀ ad.	do	do	143	197	62	60	11	20.5	19
8868		<i>Cardinalis c. canicaudus</i>	♂ ad.	do	do	228	302	94	113	18.5	26	24
8869		" " "	♂ ad.	Dec. 23, 1892.	do	230	300	95	112	19	25.5	24
8870		" " "	♂ ad.	do	do	228	299	94	111	20	25.5	23
8871		" " "	♂ ad.	do	do	234	304	97	116	19.5	26	23.5
8872		" " "	♂ ad.	do	do	223	300	96	109	19	25	22
8873		" " "	♀ ad.	do	do	218	296	92	106	17.5	24	22.5
8874		" " "	♀ ad.	do	do	223	295	93	106	17.3	24	23

Museum No. Collector No.

Name

Sex  
and  
Age

Date

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle  
toe  
and  
claw

8875

*Cardinalis c. canicaudus*

♀ ad.

Dec. 23, 1892.

Fort Clark, Texas.

216

296

91

105

19

24

23.5

8876

" " "

♀ ad.

do

do

213

290

91

101

18.5

24.5

23

8877

*Arremonops rufivirgata*

♀ ad.

do

do

153

203

61

60

13

22.5

19.5

8878

" " "

♀ ad.

do

do

8879

" " "

♀ ad.

do

do

153

200

60

63

13.3

23

20

8880

*Spinus psaltria mexicanus*

♂ ad.

do

do

116

206

66

44

10

13

15

8881

*Melospiza lincolni*

♂ ad.

do

do

151

207

63

63

11

20.5

20.5

8882

*Thryothorus l.*

♂ ad.

do

do

150

205

61

54

17

22

20

8883

*Helminthophila celata*

♂ ad.

do

do

125

191

60

48

11

17.5

14.5

8884

" " "

♀ ad.

do

do

123

183

58

48

11

18

15

8885

*Harporhynchus l. sennetti*

♀ ad.

do

do

293

332

101

133

26.5

35.5

31.5

8886

*Colaptes cafer*

♀ ad.

do

do

337

537

166

123

38

30.5

34.5

8887

*Melanerpes aurifrons*

♀ ad.

do

do

250

430

130

84

29

23.5

28

8888

*Junco hyemalis connectens*

♀ ad.

Dec. 27, 1892.

do

156

239

78

73

11

21

19.5

8889

*Melospiza lincolni*

♂ ad.

do

do

145

204

63

60

11.3

20.5

20

8890

" " "

♂ ad.

do

do

151

209

66

67

11.5

20.5

20

8891

*Zonotrichia leucophrys*

♂ juv.

do

do

8892

*Pipilo maculatus arcticus*

♂ ad.

do

do

226

302

95

114

14

29

27

8893

" " "

♂ ad.

do

do

219

287

90

106

14.5

29

28

8894

*Cardinalis c. canicaudus*

♂ ad.

do

do

223

297

94

109

19.5

24

24.5

8895

" " "

♂ ad.

do

do

228

301

96

114

19.5

25

24

8896

" " "

♂ ad.

do

do

221

291

92

106

19

25.5

22.5

8897

" " "

♀ ad.

do

do

224

296

94

109

18.5

25

22.5

8898

*Turdus aonalaschkae*

♂ ad.

do

do

190

305

98

89

13

31

23

8899

*Parus atricristatus*

♀ ad.

do

do

156

236

74

70

11

19

17.5

8900

*Thryothorus l.*

♂ ad.

do

do

154

200

60

53

18

22

19.5

8901

" " "

♀ ad.

do

do

144

192

59

51

17

21

19

8902

*Harporhynchus l. sennetti*

♂ ad.

do

do

292

337

100

136

27.5

37

32

8903

" " "

♀ ad.

do

do

295

340

104

134

26

36

32.5

8904

*Columbigallina p.*

♀ ad.

do

do

173

276

89

66

11.7

15.3

19

8905

*Melanerpes aurifrons*

♂ ad.

do

do

274

465

145

96

33.5

26

30

8906

" " "

♀ ad.

do

do&lt;/

Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

8907	<i>Melanerpes aurifrons</i>	♀ ad.	Dec. 27, 1892.
8908	<i>Peucaea ruficeps</i>	♂ ad.	Dec. 30, 1892.
8909	" "	♀ ad.	do
8910	<i>Merula migratoria</i>	♂ ad.	Dec. 31, 1892.
8911	<i>Turdus aonalaschkae</i>	♂ ad.	do
8912	<i>Cardinalis c. canicaudus</i>	♂ ad.	do
8913	<i>Zonotrichia intermedia</i>	♂ ad.	do
8914	" " "	♀ ad.	do
8915	<i>Junco hyemalis</i>	♂ ad.	do
8916	" "	♀ ad.	do
8917	" <i>hyemalis</i>	♂ ad.	do
8918	" "	♂ ad.	do
8919	<i>Anthus pensilvanicus</i>	♀ ad.	Jan. 1, 1893
8920	" "	♀ ad.	do
8921	" "	♂ ad.	do
8922	<i>Sturnella magna neglecta</i>	♀ ad.	do
8923	" " "	♀ ad.	do
8924	<i>Sialia arctica</i>	♂ ad.	Jan. 3, 1893.
8925	" "	♀ ad.	do
8926	<i>Oreoscoptes montanus</i>	♂ ad.	do
8927	<i>Zonotrichia</i> <sup><i>leucophrys?</i></sup> <sub><i>intermedia?</i></sub>	♀ juv.	do
8928	<i>Oryzopsis scalaris bairdi</i>	♀ ad.	do
8929	<i>Cardinalis c. canicaudus</i>	♂ ad.	do
8930	<i>Amphispiza bilineata</i>	♂ ad.	do
8931	" "	♂ ad.	do
8932	<i>Auriparus flaviceps</i>	♂ ad.	do
8933	<i>Agelaius phoeniceus</i>	♀ ad.	Jan. 4, 1893.
8934	" "	♀ ad.	do
8935	<i>Molothrus ater</i>	♀ ad.	do
8936	" "	♀ ad.	do
8937	<i>Arremonops rufivirgata</i>	♀ ad.	do
8938	<i>Melanerpes aurifrons</i>	♂ ad.	do

Fort Clark, Texas.	256	439	135	91	32	24	30.5
Los Moras Mtn. do	163	212	67	73	13	20.5	19.5
Los Moras Mtn. do	155	203	63	69	12	21	20
do	265	435	143	113	21	32.5	29
do	187	299	99	78	14	30	22
do	231	304	96	115	20.1	25.5	24.5
do	190	274	85	84	12.7	25	22.7
do	180	262	84	83	12.6	23	21.8
do	162	253	81	74	11.5	21	20
do	163	248	80	74	11.3	21	20
do	156	241	77	68	11	22	19.5
do	160	244	79	70	12	21	20
do	163	265	84	70	13	23	20
do	162	262	84	70	12.3	22	19
do	169	271	87	72	13.2	22.5	18
do	233	376	118	77	30	35.5	33
do	235	386	120	75	31	36.5	33.5
do	192	357	123	80	14	22.2	21.2
do	175	332	111	72	13	22.5	21
do	230	330	105	100	18	32.5	25
do							
do							
do							
do							
do	149	215	68	67	11.5	18	16.5
do	120	178	55	54	9	16	13.5
do	198	325	101	79	20	26.5	26.5
do	200	332	105	80	18	26	25
do	181	306	97	72	15	23.5	22
do	180	298	97	72	15	22.5	22
do	161	210	65	68	13	23	19.5
do	265	442	136	89	32.7	23	28



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	109 Middle toe and claw
8939		<i>Melanerpes aurifrons</i>	♀ ad.	Jan. 4, 1893.	Fort Belark, Texas.	256	437	134	90	30	93.5	28
8940		<i>Leiothorus palustris</i>	♀ ad.	do	do	130	169	53	49	13	20	16
8941		<i>Pipilo maculatus arcticus</i>	♂ ad.	do	do	222	290	93	107	15	27	27
8942		" " "	♂ ad.	do	do	210	278	90	105	12.5	26.5	26
8943		<i>Regulus calendula</i>	♀ ad.	do	do	105	177	60	46	8.7	19	13.3
8944		<i>Sturnella magna neglecta</i>	♂ ad.	Jan. 7, 1893.	Strickland Springs, 11 miles Fort Belark, Texas.	261	426	130	85	35	42	38
8945		<i>Buteo borealis</i>	♀ ad.	do	do	565	1370	422	240	29	92	67
8946		<i>Clangula hyemalis</i>	♂ juv.	do	Fort Belark, Texas.	440	795	230	90	28	38	60
8947		<i>Melanerpes aurifrons</i>	♂ ad.	Jan. 9, 1893.	do	268	436	134	93	35	33	30
8948		" "	♂ ad.	do	do	263	440	135	95	34	25	29
8949		" "	♀ ad.	do	do	253	440	135	90	31	24.5	28.5
8950		<i>Sayornis phoebe</i>	♀ ad.	do	do	176	273	86	76	13.2	17.5	15
8951		<i>Pipilo maculatus arcticus</i>	♀ ad.	do	do	210	267	85	102	14	26.5	25.5
8952		<i>Junco hyemalis</i>	♂ ad.	do	do	163	257	83	77	12	22.5	21.5
8953		<i>Melospiza lincolni</i>	♂ ad.	do	do	149	202	64	64	11.5	20.5	18.8
8954		" "	♂ ad.	do	do	148	208	66	65	11	20.5	19.5
8955		<i>Spinus tristis</i>	♀ ad.	do	do	130	223	71	54	11	14.3	15.3
8956		<i>Lanius ludovicianus</i>	♂ ad.	do	do	228	327	104	107	16	25.5	22
8957		<i>Parus atricristatus</i>	♀ ad.	do	do	151	237	75	69	11.2	20	19
8958		" "	♂ ad.	do	do	157	238	77	75	11.5	19.5	18
8959		" "	♂ ad.	do	do	155	248	78	71	11	20.5	17.5
8960		<i>Thryothorus ludovicianus</i>	♂ ad.	do	do	157	213	65	57	18	22	21
8961		<i>Parus atricristatus</i>	♀ ad.	do	do	153	236	74	69	11.2	19	17.5
8962		<i>Spinus psaltria mexicanus</i>	♂ ad.	Jan. 11, 1893.	do	120	210	69	50	10	12.2	14
8963		<i>Otocoris alpestris</i>	♂ ad.	do	do	184	340	109	75	12.8	23	20
8964		" "	♀ ad.	do	do	175	335	105	70	10	21	18
8965		<i>Sialia sialis</i>	♂ ad.	Jan. 12, 1893	do	180	324	105	70	13	21	22
8966		" "	♀ ad.	do	do	171	305	100	66	13	19.5	20
8967		<i>Sialia arctica</i>	♂ ad.	do	do	195	355	119	79	14	22	21
8968		" "	♂ ad.	do	do	184	349	115	75	14	22	19.5
8969		<i>Zonotrichia leucophrys</i>	♀ ad.	do	do	174	245	78	78	12	22	22
8970		<i>Leiothorus palustris</i>	♀ ad.	do	do	142	182	58	54	14	21	17.5

Museum No.	Collector's	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	11	11	Midtarsal and claw
8971		<i>Junco hyemalis</i> ?	♀ ad.	Jan. 13, 1893.	Fort Clark, Texas.	158	240	77	72	12	21.5	19		
8972		<i>Parus atricristatus</i>	♂ ad.	do	do	160	249	79	74	11.5	20	18		
8973		<i>Cardinalis c.</i>	♂ ad.	do	do	222	303	93	108	19	25	24		
8974		" "	♂ ad.	do	do	225	303	98	110	19	26	23		
8975		<i>Melanerpes aurifrons</i>	♀ ad.	do	do	253	435	131	87	29.5	22	27		
8976		" "	♀ ad.	do	do	263	440	135	96	30	23	28		
8977		<i>Cardinalis c.</i>	♀ ad.	Jan. 14, 1893.	do	216	282	91	104	17	24.5	23		
8978		" "	♂ ad.	do	do	232	308	96	116	20	25	23.5		
8979		<i>Harporhynchus l. sennetti</i>	♀ ad.	do	do	296	337	104	137	29	37	30.5		
8980		<i>Thryothorus l. lomitensis</i> ?	♀ ad.	do	do	148	196	58	54	16	20.5	19.5		
8981		<i>Cardinalis c.</i>	♂ ad.	Jan. 15, 1893	do	220	296	95	109	19	25	23.5		
8982		" "	♂ ad.	Jan. 16, 1893	do	227	297	95	112	18	25	22		
8983		<i>Harporhynchus l. sennetti</i>	♂ ad.	do	do	305	349	107	140	29	36	31		
8984		<i>Gallinago delicata</i>	♂ ad.	do	do	272	435	136	66	64	33	36		
8985		" "	♀ ad.	do	do	277	442	140	63	63	32	36		
8986		" "	♂ ad.	do	do	280	442	136	62	65	31	37		
8987		<i>Buteo borealis</i>	♂ ad.	Jan. 17, 1893.	do	552	1345	412	240	28	93	65		
8988		<i>Arremonops rufivirgata</i>	♂ ad.	Jan. 31, 1893.	do	170	225	68	70	14	22	20		
8989		<i>Cardinalis c.</i>	♀ ad.	Febr. 2, 1893.	do	222	290	90	103	17	25	21.5		
8990		<i>Merula migratoria</i>	♂ ad.	Febr. 3, 1893.	do	274	445	148	119	20	34	28		
8991		<i>Pipilo maculatus arcticus</i>	♂ ad.	do	do	214	280	87	101	13	28	26.5		
8992		<i>Arremonops rufivirgata</i>	♂ ad.	do	do	168	223	67	70	14	23	20		
8993		<i>Thryothorus l. lomitensis</i>	♀ ad.	do	do	148	195	60	55	17	21	19		
8994		<i>Falco sparverius</i>	♂ ad.	Febr. 4, 1893.	do	280	585	193	134	12.2	38	32		
8995		<i>Cardinalis c.</i>	♀ ad.	do	do	223	297	94	107	17.5	25.5	23		
8996		" "	♀ ad.	do	do	222	285	87	103	18.5	24	22		
8997		<i>Melospiza fasciata</i>	♂ ad.	do	do	170	327	70	78	13	21	20.5		
8998		<i>Cardinalis c.</i>	♀ ad.	Febr. 6, 1893.	do	228	293	93	110	17.5	26	25		
8999		" "	♀ ad.	Febr. 7, 1893.	do	223	290	89	105	18	24	23		
9000		" "	♀ ad.	do	do	220	292	92	108	18	24	23		
9001		<i>Colinus virg. texanus</i>	♀ ad.	do	do	220	355	111	64	12.5	29	31		
9002		<i>Cardinalis c.</i>	♀ ad.	Febr. 8, 1893.	do	219	287	90	107	18	25	22		

Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Length

Wing  
expanse

Tail

Culmen

Tarsus

Middle toe  
and claw

9003

*Cardinalis c.*

♂ ad.

Febr. 9, 1893

Fort Belark, Kinney County, Texas.

220

290

90

108

17

23

21.5

9004

" "

♂ ad.

do

do

238

310

98

118

20.5

24.5

23

9005

" "

♂ ad.

Febr. 10, 1893.

do

226

300

94

112

18.5

27

24

9006

" "

♂ ad.

do

do

213

284

86

101

17

25

23

9007

" "

♀ ad.

Febr. 11, 1893

do

226

289

98

108

19

24.5

23

9008

*Sialia mexicana bairdi*

♂ ad.

Febr. 12, 1893

do

172

323

107

70

12.3

20.5

18.5

9009

" "

♀ ad.

do

do

170

325

108

69

11

22

20

9010

*Melanerpes aurifrons*

♀ ad.

do

do

257

426

134

90

30.5

23

29

9011

*Geococcyx californianus*

♂ ad.

do

do

572

545

167

295

48

63

45

9012

*Bubo virginianus subarcticus*

♂ ad.

do

do

520

1340

385

215

31

60

73

9013

*Agelaius phoeniceus*

♂ ad.

Febr. 18, 1893.

do

234

380

123

101

24

30

31

9014

*Mimicus longirostris*

♀ ad.

Febr. 22, 1893.

do

587

980

277

109

173

84

44

9015

*Salpinctes obsoletus*

♀ ad.

do

do

162

235

72

56

19

21.5

18.5

9016

*Thryothorus bewickii bairdi*

♂ ad.

do

do

144

192

58

58

15

19

17

9017

*Cardinalis c. canicaudus*

♀ ad.

do

do

230

303

95

114

19.5

25

23

9018

*Parus atricristatus*

♀ ad.

do

do

160

243

75

70

11

20

18

9019

*Spinus tristis*

♂ ad.

do

do

132

X

75

54

10.8

13.5

16

9020

*Dendroica coronata*

♀ ad.

do

do

142

225

73

59

9.2

19

16

9021

*Sayornis phoebe*

♂ ad.

Febr. 24, 1893.

do

181

290

90

77

15

18

16.5

9022

*Quiscalus macrourus*

♂ ad.

do

do

476

608

198

241

44

52

49

9023

*Spinus tristis*

♂ ad.

do

do

130

232

75

55

10.5

13.5

15.5

9024

" "

♀ ad.

Febr. 25, 1893.

do

129

226

72

51

11

14

16

9025

" "

♀ ad.

do

do

127

221

71

50

10

13.5

15

9026

" "

♀ ad.

do

do

128

219

71

50

10

13.5

15

9027

" "

♀ ad.

do

do

134

222

70

49

11

13.4

15.2

9028

" "

♀ ad.

do

do

126

228

72

49

10.5

14

16

9029

" "

♂ ad.

do

do

134

230

74

51.5

11

13.5

16

9030

*Quiscalus sp. aeneus*

♀ ad.

do

do

304

419

130

124

30

35

34

9031

*Colinus virg. texanus*

♂ ad.

do

do

260

387

117

73

15

35

36

9032

*Melospiza fasciata*

♂ ad.

do

do

175

234

74

83

12.2

22

21.5

9033

*Melanerpes aurifrons*



Museum No. Collector's No.

Name

Sex  
and  
Age

Date

9035	<i>Pipilo maculatus arcticus</i>	♀ ad.	Febr. 25, 1893.
9036	<i>Sturnella magna neglecta</i>	♀ ad.	do
9037	<i>Gallinago delicata</i>	♀ ad.	Febr. 28, 1893
9038	<i>Agelaius phoeniceus</i>	♂ im.	March 4, 1893.
9039	" "	♂ im.	do
9040	<i>Colaptes cafer</i>	♂ ad.	do
9041	<i>Accipiter velox</i>	♂ im.	do
9042	<i>Thryothorus l.</i>	♀ ad.	do
9043	<i>Molothrus ater</i>	♂ ad.	Mar. 6, 1893.
9044	" "	♂ ad.	do
9045	" "	♂ ad.	do
9046	" "	♂ ad.	do
9047	" "	♂ ad.	Mar. 7, 1893.
9048	" "	♂ ad.	do
9049	" "	♂ ad.	do
9050	" "	♂ ad.	do
9051	<i>Scolecophagus cyanocephalus</i>	♀ ad.	do
9052	<i>Molothrus ater</i>	♂ ad.	Mar. 8, 1893.
9053	" "	♀ ad.	do
9054	" "	♀ ad.	do
9055	<i>Geococcyx californianus</i>	♂ ad.	do
9056	<i>Colinus virg. texanus</i>	♂ ad.	do
9057	" "	♂ ad.	do
9058	<i>Mimus polyglottos</i>	♂ ad.	do
9059	" "	♂ ad.	do
9060	<i>Sialia arctica</i>	♂ ad.	do
9061	" "	♂ ad.	do
9062	" "	♀ ad.	do
9063	" "	♀ ad.	do
9064	" "	♀ ad.	do
9065	" "	♀ ad.	do
9066	<i>Stelgidopteryx serripennis</i>	♂ ad.	Mar. 9, 1893

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle  
toe  
and claw

Fort Belark, Kinney Co., Texas.	215	280	86	106	13.5	28	26
do	238	375	116	75	30	36	32
do	285	447	137	63	68	33	38
do							
do	342	566	175	133	36	31.5	35
do	302	555	175	148	10	45	38
do	146	190	60	50	16.5	21	19
do	210	345	112	85	18	26	25
do	201	350	113	82	16.5	25	24.5
do	202	341	111	85	16.7	25.5	24.5
do	204	345	112	80	17	24	23.5
do	201	342	111	83	17	25	24.5
do	200	340	108	77	16.3	26	25
do	196	339	109	77	18	24.2	24.2
do	206	349	115	87	17.5	24.5	24
do	243	392	126	100	19	31	28
do	203	352	115	80	18	26	26
do	179	301	97	70	15	23	21
do	178	303	99	71	15	23	23
do	570	530	174	290	48	59	42
do	247	372	114	70	14	32	33
do	252	370	113	73	13.5	35	37
do	270	375	120	130	18	34	30
do	266	375	118	126	20	34	30
do	185	351	118	79	13	23	22
do	184	356	120	78	15	23	20
do	184	348	118	78	13.5	22.5	20.5
do	180	341	115	75	13	23	21
do	178	335	113	72	13.5	22.5	20.5
do	180	344	114	72	14	23	21
do	140	308	110	52	8	11	16

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Wing	Alar expanse	Tail	Culmen	Tarsus	11 <sup>th</sup> Middle toe and claw
	9067	<i>Cardinalis c. canicaudus</i>	♂ ad.	Mar. 9, 1893	Fort Belark, Kinney County, Texas	223	95	305	107	19	27	24
	9068	" <i>cooperi</i>	♀ ad.	Mar. 10, 1893.	do	242	170	577	88	14.4	37	31
	9069	<i>Sphyrapicus varius</i>	♀ ad.	do	do	220	130	405	90	23	22	25
	9070	<i>Sialia arctica</i>	♂ ad.	do	do	192	122	360	77	15	22	20
	9071	<i>Calamospiza melanocorys</i>	♂ ad.	do	do	181	94	294	77	14	23.5	23
	9072	" "	♀ ad.	do	do	177	87	283	73	13	25	23
	9073	<i>Oroscoptes montanus</i>	♂ ad.	do	do	232	102	327	99	18	30	26
	9074	<i>Zonotrichia l. intermedia</i>	♀ im.	do	do	173	77	246	77	11	23.5	20
	9075	<i>Calamospiza melanocorys</i>	♀ ad.	Mar. 13, 1893.	do	171	85	278	69	13	24	21
	9076	<i>Stelgidopteryx serripennis</i>	♀ ad.	Mar. 14, 1893.	do	130	107	300	51	6.7	12	15
	9077	<i>Colaptes cafer</i>	♂ ad.	Mar. 15, 1893.	do	343	173	549	135	37	30	33
	9078	<i>Melanerpes aurifrons</i>	♂ ad.	do	do	262	132	438	91	34	24	29
	9079	<i>Quiscalus macrourus</i>	♂ ad.	do	do	470	200	604	241	42	52	50
	9080	" "	♂ ad.	do	do	468	197	603	229	46	56	51
	9081	" "	♂ ad.	do	do	462	198	603	232	43	51	49
	9082	<i>Molothrus ater</i>	♂ ad.	Mar. 18, 1893	do	193	108	335	77	17	25	24
	9083	" "	♂ ad.	do	do	196	109	337	79	17	24.5	23
	9084	<i>Spizella c. hypogaea</i>	♀ ad.	Mar. 20, 1893.	do	240	185	635	90	14.5	46	30
	9085	<i>Quiscalus macrourus</i>	♂ ad.	Mar. 22, 1893.	do	487	202	605	250	43	50	49
	9086	<i>Progne subis</i> } A mated	♂ ad.	do	do							
134525	9087	" " } pair.	♀ ad.	do	do	208	148	415	80	12	15	21
	9088	<i>Calamospiza melanocorys</i>	♀ ad.	do	do							
	9089	<i>Chondestes grammacus</i>	♂ ad.	do	do							
	9090	" "	♂ ad.	do	do							
	9091	<i>Spizella</i>	♀ ad.	do	do	136	61	196	63	9.8	18	16
	9092	<i>Zonotrichia l. intermedia</i>	♂ ad.	do	do							
	9093	<i>Myiarchus cinerascens</i>	♂ ad.	do	do	222	104	335	103	19	24	20
	9094	<i>Poliophtila caerulea</i>	♂ ad.	do	do	129	55	180	57	11	17	11.5
	9095	<i>Helminthophila ruficapilla</i>	♂ ad.	do	do	132	83	194	52	10.5	17	15.5
	9096	<i>Milvulus forficatus</i>	♂ ad.	do	do	352	128	392	232	17	20.5	19.5
	9097	<i>Melospiza lincolni</i>	♀ ad.	do	do	145	63	202	58	11.5	20	19
	9098	<i>Myiarchus cinerascens</i>	♂ ad.	Mar. 23, 1893.	do	326	106	340	104	18	24	19

Museum No. Collector's No.

Name

Sex and Age

Date

Locality

Length

Alar expanse

Wing

Tail

Culmen

Tarsus

Middle toe and claw

9101

9102

9103

9104

9105

9106

9107

9108

9109

9110

9111

9112

9113

9114

9115

9116

9117

9118

9119

9120

9121

9122

9123

9124

9125

9126

9127

9128

9129

9130

9131

9132

*Anthus spragueii**Geothartes aura**Harporhynchus l. sennetti**Parus atricristatus**Myiarchus cinerascens**Accipiter cooperi**Pandion carolinensis**Accipiter cooperi**Milvulus forficatus**Ceryle americana septentrionalis**Quiscalus macrourus**"**"**Comothlypis americana**Milvulus forficatus**Quiscalus macrourus**"**"**Piranga rubra**"**Chondestes**Quiscalus macrourus**"**"**"**Piranga rubra**"**"**Leterus spurius**Dendroica auduboni*

♀ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

♂ ad.

Mar. 28, 1893.

Mar. 29, 1893.

do

do

do

do

do

Mar. 30, 1893

do

Mar. 31, 1893.

Apr. 1, 1893.

do

Apr. 3, 1893.

do

do

do

do

Apr. 4, 1893.

do

Apr. 5, 1893.

do

do

do

do

do

do

do

do

Apr. 6, 1893

do

do

do

do

do

do

do

do

do

do

do

do

Fort Clark, Kinney Co., Texas

do

do

do

do

do

do

do

do

do

do

Strickland Spring, Kinney Co., Texas.

do

Fort Clark, Kinney County, Tex.

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

166

640

292

294

158

223

420

615

495

348

223

479

355

364

116

374

475

456

482

475

206

203

173

474

362

373

204

203

203

174

267

1730

345

324

248

334

760

1780

885

387

315

606

479

479

487

182

393

613

586

618

595

313

303

277

604

468

495

305

308

300

240

81

520

105

98

78

104

233

535

280

123

88

198

156

156

58

126

200

190

201

193

100

96

87

193

153

162

98

98

96

77

62

255

133

136

72

100

202

250

238

17

64

240

166

168

43

44

34

35

43

11

242

45

41

45

234

44

88

82

74

46

35

35

20

20

13

46

20

20

18

20

19

23

16

24

68

37

35

20

20.5

66

65

75

20

10

50

42

43

16.5

18

50

46

50

45

46

47

20.5

20

19

20

20

20

20

20

20

20

20

20

20

20

20



Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

9099

*Rhynchophanes?*

♀ ad.

Mar. 28, 1893

Fort Belark, Kinney Co., Texas.

148

267

87

55

12

19.5

17

9100

"

♀ ad.

do

do

142

261

83

53

12

18

17

9133

*Junco hyemalis*

♀ ad.

Apr. 6, 1893.

do

9134

*Spizella*

♀ ad.

do

do

9135

"

♀ ad.

do

do

9136

"

♀ ad.

do

do

9137

*Quiscalus macrourus*

♀ ad.

Apr. 7, 1893.

do

356

487

156

162

34

40

39.5

9138

*Vireo noveboracensis*

♂ ad.

Apr. 8, 1893.

Mud Creek, Valverde Co., Texas.

9139

*Dryobates scalaris*

♂ ad.

do

do

9140

"

♀ ad.

do

do

9141

*Quiscalus macrourus*

♂ ad.

Apr. 10, 1893.

Fort Belark, Kinney Co., Texas.

443

590

188

213

43

48

49

9142

"

"

♀ ad.

Apr. 11, 1893.

do

364

480

156

178

33

40

39

9143

"

"

♂ ad.

Apr. 12, 1893

do

473

618

200

233

45

53

50

9144

*Piranga rubra*

♂ ad.

Apr. 14, 1893.

do

199

315

103

86

30

18.2

18.5

9145

*Icteria virens*

♂ ad.

do

do

203

266

83

92

15.3

28

22

9146

*Parus atricristatus*

♂ ad.

do

do

160

247

78

75

11

20

17

9147

*Chondestes gr.*

♀ ad.

do

do

170

273

85

68

13

20

19

9148

"

"

♂ ad.

do

do

173

278

89

76

12.5

20

20.5

9149

*Amphispiza bilineata*

♂ ad.

do

do

146

216

69

65

10.5

18

16

9150

*Vireo bellii*

♂ ad.

Apr. 15, 1893.

do

128

189

58

50

11

19.5

14

9151

*Geococcyx californianus*

♂ juv.

Apr. 16, 1893.

do

Nest contained 3 yg. + 2 eggs.

9152

*Cardinalis c. canicaudus*

♂ ad.

do

do

231

310

97

114

18.3

25

24

9153

"

"

"

♂ ad.

do

do

227

306

95

111

18

24.5

24

9154

*Icterus spurius*

♂ ad.

do

do

175

250

79

75

16.5

20.5

18.5

9155

*Chondestes grammacus*

♂ ad.

do

do

171

276

86

72

12

20

21

9156

*Melospiza forficatus*

♂ ad.

Apr. 17, 1893

do

370

395

180

242

16.3

19

21

9157

"

"

♀ ad.

do

do

286

370

116

162

18

18

20

9158

*Myiarchus crinitus*

♂ ad.

Apr. 21, 1893

do

227

339

109

101

19

21

20

9159

*Molothrus ater*

♀ ad.

do

do

177

307

99

73

16

23.5

24.2

9160

*Spizella pallida*

♀ ad.

do

do

135

195

60

62

9

19

16.8

9161

*Vireo noveboracensis*

♀ ad.

do

do

126

188

56

50

11

19.5

16

9162

"

"

♂ ad.

Apr. 22, 1893.

do

133

198

62

55

11

20

15

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
	9163	<i>Piranga rubra</i>	♂ ad.	Apr. 22, 1893.	Fr. Belark, Kinney County, Texas.	197	309	100	83	19.5	20	20.2
	9164	<i>Guiraca caerulea</i>	♂ ad.	do	do	187	290	93	77	18	21.5	24
	9165	<i>Icteria virens</i>	♂ ad.	do	do	190	251	80	85	15	26	22.5
	9166	<i>Thryothorus bewickii</i>	♂ ad.	do	do	140	181	57	59	15	18	17
	9167	<i>Trochilus</i>	♀ ad.	do	do	98	119	47	28	20.5	X	X
	9168	<i>Icterus spurius</i>	♂ ad.	do	do	172	245	77	72	16	21.5	30
	9169	<i>Icteria virens</i>	♂ ad.	Apr. 24, 1893.	do	197	263	83	88	14	27	23
	9170	<i>Piranga rubra</i>	♂ ad.	do	do	202	315	100	84	19	20	21
	9171	" "	♀ ad.	do	do	193	302	93	76	20	21	20
	9172	<i>Helminthophila ruficapilla</i>	♀ ad.	do	do	117	188	58	46	10.2	17.3	14
	9173	<i>Petrochelidon lunifrons</i>	♀ ad.	do	do	146	305	108	53.5	8	13	17
	9174	<i>Vireo olivaceus</i>	♀ ad.	do	do	153	250	79	54	14.2	18	15
	9175	<i>Myiarchus cinerascens</i>	♂ ad.	do	do	225	330	104	99	20	24	20
	9176	<i>Chondestes grammacus</i>	♂ ad.	do	do	175	293	94	78	14	20	19.2
	9177	<i>Cardinalis c. canicaudus</i>	♂ ad.	do	do							
	9178	<i>Piranga rubra</i>	♂	Apr. 25, 1893.	do	202	318	98	82	19	21	21
	9179	<i>Melospiza forficatus</i>	♀ ad.	Apr. 29, 1893.	do	309	384	121	180	21.8	18.5	20
	9180	<i>Chondestes gr.</i>	♀ ad.	do	do	170	260	83	73	13	18	18
	9181	<i>Chordeiles a. texensis</i>	♂ ad.	do	do	223	378	198	104	7.2	13	19
	9182	<i>Calamospiza melanocorys</i>	♂ ad.	do	do							
	9183	" "	♂ ad.	do	do							
	9184	" "	♀ ad.	do	do							
	9185	<i>Quiscalus macrourus</i>	♂ ad.	do	do							
	9186	<i>Piranga rubra</i>	♂ ad.	do	do							
134 523	9187	<i>Progne subis</i>	♂ ad.	May 9, 1893.	do	210	424	150	81	12	15.5	23
	9188	" "	♂ ad.	do	do	206	413	148	80	11.5	14.5	22
	9189	" "	♂ ad.	do	do	207	425	153	83	12	15	22
	9190	<i>Chelidon erythrogaster</i>	♀ ad.	do	do	178	322	118	85	8	11	18
	9191	" "	♂ juv.	do	do							
	9192	<i>Myiarchus cinerascens</i>	♀ ad.	do	do	224	326	101	100	18.3	22	18
	9193	<i>Auriparus flaviceps</i>	♀ ad.	Nov. 18, 1892.	do							
	9194	<i>Passerina ciris</i>	♂ ad.	May 15, 1893.	do	150	230	73	60	10.8	19	17

Shot and skinned by Sergeant Marchant

Shot Nov. 18, 1892 by Lieut. Ord.

Museum No.	Collector's No.	Name	Sex and Age	Date
9195		<i>Piranga rubra</i>	♂ ad.	May 15, 1893.
9196		" "	♂	do
9197		" "	♀ ad.	do
9198		<i>Empidonax virescens</i> ?	♀ ad.	do
9199		<i>Contopus borealis</i>	♀ ad.	do
9200		<i>Myiarchus crinitus</i> ?	♂ ad.	do
9201		<i>Geococcyx americanus</i>	♀ ad.	do
9202		<i>Vireo olivaceus</i>	♂ ad.	do
9203		<i>Spinus psaltria mexicanus</i>	♂ ad.	do
9204		<i>Quiscalus macrourus</i>	♂ ad.	do
9205		<i>Agelaius phoeniceus</i>	♂	do
9206		<i>Parus atricristatus</i>	♀ juv.	do
9207		" "	♂ juv.	do
9208		<i>Piranga rubra</i>	♂ ad.	May 16, 1893.
9209		" "	♂	do
9210		" "	♂	do
9211		<i>Icteria virens</i>	♂ ad.	do
9212		<i>Geococcyx americanus</i>	♂ ad.	do
9213		" "	♂ ad.	do
9214		<i>Spinus psaltria mexicanus</i>	♂ ad.	do
9215		" "	♂ ad.	do
9216		" "	♂ ad.	do
9217		<i>Agelaius phoeniceus</i>	♂ ad.	do
9218		<i>Chondestes grammacus</i>	♀ ad.	do
9219		<i>Icterus spurius</i>	♀ ad.	do
9220		<i>Chordeiles a. texensis</i>	♂ ad.	May 17, 1893.
9221		<i>Harporhynchus l. sennetti</i>	♂ ad.	do
9222		<i>Ceryle americana septentrionalis</i>	♀ ad.	do
9223		<i>Agelaius phoeniceus</i>	♂ ad.	do
9224		" "	♀ ad.	do
9225		<i>Icteria virens</i>	♀ ad.	do
9226		<i>Piranga rubra</i>	♂	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Fort Clark, Kinney County, Texas.	202	313	103	85	19.5	19.5	20
do	193	306	97	81	17.2	21	20
do	200	305	95	79	20.5	21	20
do	148	224	72	60	12	15	12.7
do	196	327	109	76	17	16	18
do	236	345	106	102	21.5	23.5	20.5
do	300	420	146	147	25	28.5	27
do	167	260	85	63	15	18.5	16
do	114	205	66	48	10	12	14
do							
do	220	365	117	90	22	30	29
do	First plumage.						
do	203	320	102	83	20	20.7	20
do	202	310	100	83	20	21.3	21
do	207	323	102	84	20	21	20.5
do	200	265	82	93	15	27	23
do	297	406	140	150	24	25.3	26
do	304	409	142	155	26.5	25	26.5
do							
do	118	209	67	48	10	12.7	15
do	116	203	65	46	10.8	12.3	14
do	234	384	125	97	24	29	30
do	167	268	85	71	12.3	21	19.5
do	172	235	74	72	16	20	19
do	232	585	200	107	7	14	19
do	307	340	103	135	29	38	32
do	221	313	87	64	36	10.5	17
do	242	393	127	102	24	30	29
do	197	317	102	78	21	27	27
do	186	246	76	79	15.5	27	23
do	197	290	91	78	19	20	19.5



Museum No. Collection No.

Name

Sex  
and  
Age

Date

9227

*Icteria virens*

♂ ad.

May 20, 1893.

9228

*Agelaius phoeniceus*

♂ ad.

do

9229

*Miraca carulea*

♂ ad.

do

9230

*Icterus spurius*

♂ ad.

do

9231

*Parus atricristatus*

♂ ad.

do

9232

*Vireo noveboracensis micrus*

♂ ad.

do

9233

*Leontopus virens* ?

♀ ad.

do

9234

*Passerina ciris*

♀ ad.

May 22, 1893.

9235

*Myiarchus crinitus*

♂ ad.

do

9236

" "

♀ ad.

do

9237

" "

♂ ad.

do

9238

*Coccyzus americanus*

♀ ad.

do

9239

*Vireo olivaceus*

♂ ad.

do

9240

*Thryothorus ludovicianus*

♀ juv.

do

9241

*Spinus psaltria mexicanus*

♀ ad.

do

9242

" "

♀ ad.

do

9243

*Coccyzus americanus*

♂ ad.

May 24, 1893.

9244

*Tame canary*

♂ ad.

do

9245

*Melanerpes alvirifrons*

♂ ad.

do

9246

*Quiscalus macrourus*

♂ ad.

June 1, 1893.

9247

" "

♀ ad.

do

9248

" "

♀ ad.

do

9249

" "

♀ ad.

do

9250

" "

♀ ad.

do

9251

" "

♀ juv.

do

9252

" "

♂ juv.

do

9253

" "

♂ juv.

do

9254

" "

♂ juv.

do

9255

" "

♀ juv.

do

9256

" "

♀ juv.

do

9257

" "

♀ juv.

do

9258

" "

♀ juv.

do

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

Fort Clark, Kinney Co., Texas.

186

247

78

80

14

27

21.5

do

232

383

125

96

23.5

30

30

do

181

290

91

73

16

20.7

23

do

174

255

81

74

17

21

19.6

do

154

243

78

69

11.8

20

18

do

132

197

62

54

11.5

19.5

15

do

156

251

81

67

13

13

12

do

145

220

67

56

11

19.5

18

do

240

345

105

103

21

25

21

do

228

338

102

98

21.5

23

20

do

238

339

104

104

21.5

22.5

20

do

300

435

148

143

27.5

26

26

do

160

254

82

59

13

19.5

15

do

118

206

65

43

9.5

13

15

do

117

204

65

44

9.2

13

15

do

295

420

144

149

25

28

26

do

Presented by Mrs. Lucy Ord Mason, &amp; imported from Japan.

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Tarsus

Alar  
expanse

Wing

Tail

Culmen

Hind toe

Middle toe  
and claw

9259	<i>Coccyzus americanus</i>	♂ ad.	June 8, 1893.
9260	<i>Callipepla gambeli</i>	♂ ad.	do
9261	<i>Icteria virens</i>	♂ ad.	do
9262	<i>Vireo bellii pusillus?</i>	♂ ad.	do
9263	<i>Dendroica aestiva</i>	♂ ad.	do
9264	" "	♂ ad.	do
9265	<i>Oryzates scalaris bairdi</i>	♀ ad.	do
9266	<i>Aegiditis vocifera</i>	♂ ad.	do
9267	<i>Dendroica aestiva</i>	♂ ad.	June 9, 1893.
9268	<i>Coccyzus americanus</i>	♂ ad.	do
9269	<i>Callipepla gambeli</i>	♂ ad.	do
9270	<i>Icteria virens</i>	♂ ad.	do
9271	<i>Piranga rubra</i>	♂ ad.	do
9272	<i>Vireo s. plumbeus</i>	♂ ad.	do
9273	<i>Contopus richardsonii?</i>	♂ ad.	do
9274	<i>Chondestes gr. strigatus</i>	♂ ad.	do
9275	<i>Contopus richardsonii</i>	♀ ad.	do
9276	<i>Mniarchus cinerascens</i>	♀ ad.	do
9277	<i>Mimus polyglottos</i>	♂ ad.	do
9278	" "	♂ ad.	do
9279	<i>Chordeiles</i>	♂ ad.	do
9280	<i>Molothrus ater obscurus</i>	♀ ad.	do
9281	" " "	♂ ad.	June 10, 1893.
9282	<i>Zenaidura macroura</i>	♀ ad.	do
9283	<i>Callipepla gambeli</i>	♂ ad.	do
9284	" "	♂ ad.	do
9285	<i>Coccyzus americanus</i>	♂ ad.	do
9286	" "	♀ ad.	do
9287	<i>Piranga rubra</i>	♂ ad.	do
9288	" "	♂ ad.	do
9289	<i>Vireo s. plumbeus?</i>	♂ ad.	do
9290	<i>Contopus richardsonii?</i>	♂ ad.	do

Fort Hancock, Texas.

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

295

426

147

154

26

26

25

276

371

117

105

11

30

36

196

260

82

89

15

28

22

132

191

60

55

10.8

20

14

129

203

65

52

11.7

19

15

129

209

68

52

11.3

19

16

189

330

103

68

21.5

18

18.5

Not measured

Not measured

Not measured

Not measured

Not measured

Not measured

Not measured

124

190

60

49

10.8

19

15

294

410

143

153

25.3

26

25

283

365

115

106

11

32

36

190

259

80

87

15

26

23

215

336

109

92

21.5

21.5

21.5

149

250

80

62

12.8

19.5

17

167

280

93

74

13.2

13

13.7

175

284

91

78

13.4

19.6

20.2

155

249

83

64

12

12

12.3

210

310

97

94

18

22.5

18.2

266

361

117

126

18.5

32

29

259

360

112

121

20

34.5

30

228

553

192

114

6.4

14

20

167

280

90

66

15

22

23

189

329

106

76

18

25.5

24.5

291

437

148

139

13

21

24

276

377

117

104

11

32

37

276

374

119

104

11.3

31

35

293

410

145

149

24

25

25

303

430

148

154

26

26

25.5

213

336

108

91

21

21.5

21.5

204

323

102

85

20

20.5

21.2

152

256

83

64

11.8

19.2

16.2

159

262

85

69

12.8

14

12

Museum No. Collector No.

Name

Sex  
and  
Age

Date

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

9291

*Dendroica aestiva*

♀ ad.

June 10, 1893.

Fort Hancock, Texas.

125

195

60

47

10.3

19

15

9292

" "

♀ ad.

do

do

127

195

61

49

10.5

19

15

9293

*Trochilus alexandri*

♀ ad.

do

do

98

121

49

29

20

4.8

7

9294

*Dendroica aestiva*

♂ ad.

do

do

129

201

65

53

11

19

15

9295

" "

♂ ad.

June 11, 1893.

do

129

205

66

52

11.2

19

15.4

9296

*Contopus richardsonii*

♂ ad.

do

do

160

267

87

70

13.3

13.5

13.3

9297

" "

♀ ad.

do

do

153

260

83

64

12

14

12.5

9298

" "

♀ ad.

do

do

156

258

83

65

13.8

13.5

12

9299

*Piranga rubra*

♂ ad.

do

do

202

315

100

83

21

20.8

20.7

9300

" "

♂ ad.

do

do

215

340

107

86

22

21

22

9301

*Icteria virens*

♂ ad.

do

do

200

260

84

90

15.3

26

21.5

9302

*Vireo plumbeus?*

♂ ad.

do

do

150

253

83

62

12

19.5

16

177405

9303

*Carpodacus m. frontalis*

♂ ad.

do

do

161

256

82

70

11.3

18

20

9304

*Dryobates s. bairdi*

♂ juv.

do

do

9305

*Callipepla gambeli*

♂ ad.

do

do

275

375

116

98

11.1

30

35.5

9306

" "

♂ ad.

do

do

283

378

117

105

11.2

33

39

9307

*Corvus cryptoleucus*

♀ ad.

do

do

520

1065

350

220

55

61

55

9308

*Chordeiles*

♀ ad.

June 12, 1893.

do

223

531

182

110

6.7

14

20

9309

" "

♂ ad.

do

do

230

551

192

117

6.9

14.5

20

9310

*Coccyzus americanus*

♀ ad.

do

do

314

432

149

154

26

26.2

27.2

9311

" "

♀ ad.

do

do

310

428

149

154

27

27.2

27.2

9312

*Geothlypis tr. occidentalis*

♂ ad.

do

do

134

186

60

56

12

20.5

18

9313

*Dendroica aestiva*

♂ ad.

do

do

134

204

66

51

11.5

20

15.5

9314

" "

♂ ad.

do

do

130

198

63

49

11

19

16

9315

" "

♀ ad.

do

do

127

192

60

47

10.8

19

15

9316

*Vireo s. plumbeus*

♂ ad.

do

do

154

266

84

64

11.8

19

16.5

9317

*Piranga rubra*

♂ ad.

do

do

209

324

105

87

20

20

20.5

9318

" "

♂ im.

do

do

206

317

100

85

21

20.5

21.5

9319

" "

♂ im.

do

do

210

320

102

87

21

20.5

22.3

9320

" "

♀ ad.

do

do

210

327

105

90

20.2

21.5

22

9321

" "

♀ ad.

do

do

207

321

101

84

21.3



Museum No.	Collector's No.	Name	Sex and Age	Date
9323		<i>Piranga rubra</i>	♂ ad.	June 13, 1893.
9324		<i>Mimus polyglottos</i>	♂ ad.	do
9325		<i>Lanius ludovicianus excubitorides</i>	♂ ad.	do
9326		" "	♀ juv.	do
9327		<i>Guiraca caerulea</i>	♂ ad.	do
9328		<i>Icterus bullocki</i>	♂ ad.	do
9329		<i>Geothlypis tr. occidentalis</i>	♂ ad.	do
9330		<i>Dendroica aestiva</i>	♀ ad.	do
9331		<i>Icteria virens</i>	♂ ad.	do
9332		<i>Leontopus richardsonii</i>	♂ ad.	do
9333		" "	♀ ad.	do
9334		" "	♂ ad.	June 14, 1893.
9335		<i>Mimus polyglottos</i>	♂ ad.	do
9336		<i>Piranga rubra</i>	♀ ad.	do
9337		" "	♀ ad.	do
9338		" "	♂ im.	do
9339		<i>Myiarchus cinerascens</i>	♂ ad.	do
9340		<i>Vireo belli pusillus?</i>	♂ ad.	do
9341		<i>Passerina ciris</i>	♂ im.	do
9342		<i>Chelidon erythrogaster</i>	♂ ad.	do
9343		<i>Petrochelidon lunifrons</i> <i>Chelidon erythrogaster</i> - Hybrid.	♀ ad.	do
9344		<i>Colaptes cafer</i>	♂ ad.	June 15, 1893
134456 9345		<i>Callipepla gambeli</i>	♂ ad.	do
9346		<i>Piranga rubra</i>	♀ ad.	do
9347		<i>Mimus polyglottos</i>	♂ ad.	do
9348		" "	♂ ad.	do
9349		<i>Piranga rubra</i>	♂ ad.	June 16, 1893
9350		" "	♂ ad.	do
9351		" "	♀ ad.	do
9352		" "	♂ im.	do
9353		<i>Leontopus richardsonii</i>	♂ ad.	do
9354		<i>Aegialitis vocifera</i>	♂ ad.	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	13 middle toe and claw
Fort Hancock, Texas	210	330	104	88	20.7	21.3	20.8
do	265	379	118	131	20	35	30
do	245	342	106	113	17.7	29	24.5
do							
do	188	285	91	80	18	20	22.8
do	199	319	100	85	20	26	24
do	194	250	79	89	15.3	26.5	22
do	140	191	59	59	12	21	19.5
do	129	195	60.5	48	11	19	15
do	161	268	88	70	12.7	14	13
do	154	257	83	67	12	14	11.7
do	161	268	88	70	13	14	13
do	270	373	119	135	20	33	29
do	210	324	104	88	20.8	21.3	21
do	206	320	100	84	21.4	21.5	21.5
do	207	320	101	84	21	21.5	21.2
do	217	333	102	101	19	23	18.5
do	124	177	57	52	10.5	19	14.3
do	146	227	71	59	10.7	20	18.5
do	169	308	114	82	6.9	11	16.2
do	249	296	107	59	8	12	15.8
do	328	516	160	119	39	28	32
do	290	383	126	106	12	34	34.5
do	328	516	160	119	39	28	32
do	207	320	102	84	20	21.3	20.6
do	270	383	120	106	12	34	34.5
do	266	375	122	129	19.5	34	28
do	207	320	102	84	20	21.2	20.6
do	268	372	120	133	20	35	29
do	266	375	122	129	19.5	34	28
do	209	334	107	87	21	21.2	21.6
do	268	372	120	133	20	35	29
do	210	330	108	89	20.8	21.1	21.4
do	209	334	107	87	21	21.2	21.6
do	210	323	104	86	22.1	22	22
do	210	323	104	86	22.1	22	22
do	207	310	102	86	20	20	20.5
do	210	323	104	86	22.1	22	22
do	165	264	85	72	12.5	13.5	13
do	250	498	162	100	20	36	26

Museum No. Collector's No.

Name

Sex and Age

Date

9355	<i>Spinus psaltria</i>	♂ ad.	June 18, 1893.
9356	<i>Empidonax pusillus?</i>	♂ ad.	do
9357	<i>Amphispiza bilineata</i>	♂ ad.	do
9358	<i>Harporhynchus crissalis</i>	♂ juv.	do
9359	<i>Passerina ciris</i>	♂ ad.	do
9360	<i>Mimus polyglottos</i>	♂ ad.	do
9361	<i>Coccyzus americanus</i>	♂ ad.	do
9362	<i>Piranga rubra</i>	♂ ad.	do
9363	" "	♂ ad.	do
9364	" "	♀ ad.	do
9365	<i>Myiarchus cinerascens</i>	♂ ad.	do
9366	" "	♂ ad.	do
9367	<i>Chordeiles</i>	♀ ad.	do
9368	<i>Passerina ciris</i>	♂ ad.	June 19, 1893
9369	<i>Anas boschas</i> (Bent's enormous)	♂ juv.	do
9370	<i>Guiraca caerulea</i>	♂ ad.	do
9371	<i>Amphispiza bilineata</i>	♀ ad.	do
9372	<i>Pencaea cassini</i>	♂ ad.	do
9373	" "	♂ ad.	do
9374	" "	♂ ad.	do
9375	" "	♂ ad.	do
9376	<i>Speotyto c. hypogaea</i>	♀ ad.	do
9377	" "	♂ ad.	do
9378	<i>Agelaius phoeniceus</i>	♂ im.	do
9379	" "	♀ ad.	do
9380	<i>Pyrhuloxia sinuata</i>	♀ ad.	do
9381	<i>Guiraca caerulea euryncha</i>	♂ im.	do
9382	<i>Sturnella</i>	♂ ad.	do
9383	" "	♂ ad.	do
134685 9384	<i>Callipepla gambeli</i>	♂ ad.	do
9385	<i>Coccyzus americanus</i>	♀ ad.	June 21, 1893.
9386	<i>Chordeiles</i>	♂ ad.	do

Locality

Length

Alar expanse

Wing

Tail

Culmen

Tarsus

Middle toe and claw

Fort Hancock, Texas.

Belen, El Paso Co., Texas.

Fort Hancock, Texas.

do

117	208	62	45	10	13	15
151	232	72	63	11.8	16	14
152	224	69	68	12	19	18
157	245	74	62	12.3	20	19.7
272	377	120	136	20	24	21
290	423	146	145	24.2	26	26
211	330	106	89	21	20	21
213	330	104	85	22	22	22
204	320	99	82	20.5	21.2	21
223	330	102	101	20	23	20
227	342	105	103	26	23.5	20.5
220	535	185	106	6.7	15	20
146	230	72	60	10.8	19.2	17
595	940	277	114	52	45	64
192	298	95	79	17.2	21.2	23
145	217	68	61	12	20	18
165	221	68	75	12.2	20	18.7
158	221	68	67	12.8	21	19.3
161	221	68	71	13.1	20	20
164	221	68	74	12.5	21	19
240	620	178	81	13	46	26.5
236	645	185	87	15	47	30
227	379	119	91	22	29	28.5
205	341	108	81	19	28	26
227	304	95	112	16	26	24
185	296	90	73	18	21	23
246	407	124	77	33	37	34
268	430	132	85	35	39	34
290	380	120	109	11.2	34	37
308	435	150	157	26	26.5	26
216	538	183	106	7	16	18
187	284	92	79	17.4	20	22.8

Museum No. Collector's No.

Name

Sex and Age

Date

9387	<i>Guiraca caerulea eurynucha</i>	♂ ad.	June 21, 1893.
9388	" " "	♂ ad.	do
9389	<i>Chondestes gr. strigatus</i>	♂ ad.	do
9390	" " "	♀ ad.	do
9391	<i>Molothrus ater obscurus</i>	♀ ad.	do
9392	<i>Dryobates scalaris bairdi</i>	♀ juv.	do
9393	<i>Piranga rubra</i>	♂ ad.	do
9394	<i>Vireo s. plumbeus?</i>	♂ ad.	do
9395	<i>Icterus bullocki</i>	♀ ad.	do
9396	" "	♂ juv.	do
9397	" "	♀ juv.	do
9398	" "	♀ juv.	do
9399	<i>Passerina ciris</i>	♂ ad.	June 22, 1893.
9400	<i>Icteria virens</i>	♂ ad.	do
9401	<i>Piranga rubra</i>	♀ ad.	do
9402	" "	♂ im.	June 23, 1893.
9403	<i>Callipepla gambeli</i>	♂ ad.	do
9404	" "	♂ ad.	do
9405	<i>Carpodacus mex. frontalis</i>	♂ ad.	do
9406	<i>Dendroica aestiva</i>	♀ ad.	do
9407	<i>Coccyzus americanus</i>	♂ ad.	do
9408	<i>Crismatura jamaicensis</i>	♀ ad.	do
9409	<i>Dendroica aestiva</i>	♂ ad.	June 24, 1893
9410	<i>Icteria virens</i>	♂ ad.	June 25, 1893.
9411	<i>Dryobates scalaris bairdi</i>	♂ ad.	do
9412	<i>Myiarchus cinerascens</i>	♂ ad.	do
9413	<i>Piranga rubra</i>	♀ ad.	do
9414	<i>Guiraca caerulea</i>	♂ ad.	do
9415	<i>Colaptes cafer</i>	♀ ad.	do
9416	<i>Callipepla gambeli</i>	♀ ad.	do
9417	" "	♀ ad.	June 26, 1893.
9418	<i>Harporhynchus crissalis</i>	♀ juv.	do

134459

Am. Mus. N.H.

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

Fort Hancock, Texas.

do	187	284	92	79	17.4	20	22.8
do	181	292	90	73	19	21	23.5
do	174	290	94	77	14.3	21	21
do	173	274	86	72	13.3	21	21.5
do	176	292	95	70	14.2	23	24
do							
do	209	321	102	95	20.3	21	20.8
do	155	257	83	62	12.7	20	17.2
do	200	311	100	81	19	24.5	23
do							
do	148	231	70	64	11	19.5	19
do	185	240	75	76	16	27	21.5
do	211	318	100	87	21	21	22
do	213	328	102	89	21	20.5	21.5
do	283	395	117	109	11.2	31	35
do	272	368	113	102	11.7	31	35
do	162	257	84	70	11.5	18	20
do	125	189	61	48	11	18	14.5
do	290	412	141	145	25	25	26
do (Rio Grande R.)	380	555	144	87	41	34	63
do	131	192	61	50	11	17	15
do	189	255	80	84	15.5	26.5	22.1
do	184	340	106	64	23.3	19	16
do	221	326	99	98	21	24.5	21
do	205	310	99	83	20.5	20.5	21
do	192	295	94	80	17	20	23
do	230	508	154	124	41	29	33
do	246	356	111	95	11.3	31	35
do	278	382	120	104	11.7	32	36



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	1st toe and claw
9419		<i>Lanius l. excubitorides</i>	♀ juv.	June 27, 1893.	Fort Hancock, Texas.							
9420		<i>Icterus bullocki</i>	♀ juv.	June 28, 1893.	do							
9421		<i>Quiraca caerulea</i>	♀ ad.	do	do	178	277	88	72	17	20.5	23.2
9422		<i>Molothrus ater obscurus</i>	♂ ad.	do	do	182	309	99	75	15.5	23.5	25
9423		<i>Phalaenoptilus nuttallii</i>	♀ ad.	do	do	227	482	162	102	8.8	19	22
9424		<i>Piranga rubra</i>	♀ ad.	June 29, 1893	do	199	308	98	83	20	20	21
9425		<i>Icterus bullocki</i>	? juv.	do	do							
9426		<i>Dryobates scalaris bairdi</i>	♀ ad.	do	do	180	330	104	64	20.5	16.5	20
9427		<i>Coccyzus americanus</i>	♀ ad.	June 30, 1893	do	316	439	151	160	28.5	27	27
9428		<i>Molothrus ater obscurus</i>	♂ ad.	do	do	192	325	105	79	17	26	26
9429		" " "	♀ ad.	May 30, 1892.	Dog Spring, Grant Co., N. Mex.							
9430		<i>Geococcyx californianus</i>	♂ juv.	do	do							
9431		<i>Pelecanus erythrorhynchus</i>	ad.		Colorado Desert, Mexican Boundary Line.							
9432		<i>Trochilus alexandri</i>	♀ ad.	1893.	" " " " Cal.							
9433		<i>Melanerpes f. aculeatus</i>	♂ ad.	July 18, 1893	Fort Huachuca, Arizona.	211	428	135	77	—	—	—
9434		" " "	♂ ad.	July 22, 1893.	do							
9435		<i>Aphelocoma sieberii arizonae</i>	♂ juv.	do	do							
9436		<i>Parus wollweberi</i>	♂ juv.	do	do							
9437		<i>Sitta c. aculeata</i>	♀ juv.	do	do							
9438		" " "	♂ ad.	do	do	152	290	97	55	18	18	21.5
9439		<i>Tachycineta thalassina</i>	♂ ad.	do	do <sup>s</sup>	132	317	120	52	6	11	14.5
9440		<i>Contopus richardsonii</i>	♀ ad.	do	do	154	264	184	67	13	13.5	13.7
9441		<i>Habia melanocephala</i>	♂ ad.	do	do	208	329	104	86	20	24	25
9442		<i>Tyrannus vociferans</i>	♂ ad.	do	do	233	417	131	101	20	20	22
9443		" " "	♀ ad.	July 24, 1893.	do	224	400	128	95	20	19	20
9444		<i>Tachycineta thalassina</i>	♀ juv.	do	do							
9445		" " "	♀ juv.	do	do							
9446		<i>Antrostomus?</i>	♀ juv.	July 25, 1893	do	248	480	165	122	9.5	16	21
9447		<i>Ardea virescens</i>	♂ ad.	July 29, 1893	San Pedro River, Sonora, Mexico. Just south of U.S. Line.	505	760	210	85	60	55	58
9448		<i>Pyrocephalus r. mexicanus</i>	♂ ad.	do	do							
9449		" " "	♂ ad.	do	do	155	270	84	68	12.5	16.2	16
9450		" " "	♀ ad.	do	do							

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Mid toe and claw
9451		<i>Pyrocephalus r. mexicanus</i>	♀ ad.	July 29, 1893.	San Pedro River, Sonora, Mexico Just South of U. S. Line.	150	253	80	62	12.5	15	14
9452		<i>Tyrannus vociferans</i>	♀ ad.	do	do	228	400	125	98	20	19	20.5
9453		" "	♂ ad.	do	do	232	424	136	99	19.3	19	19.5
9454		<i>Sayornis nigricans</i>	♀ juv.	do	do							
9455		<i>Myiarchus cinerascens</i>	♀ ad.	do	do							
9456		<i>Chondestes g. strigatus</i>	♀ ad.	do	do	166	267	85	67	13.2	20.5	20
9457		<i>Icterus bullocki</i>	♀ juv.	do	do							
9458		" "	♀ juv.	do	do							
9459		<i>Zenaidura macroura</i>	♂ juv.	July 30, 1893	do	A sick bird found nearly dead.						
9460		<i>Colaptes</i> <sup>Yellow shafted.</sup>	♀ ad.	July 31, 1893.	Anachuca Mts., Arizona.	330	543	170	125	37	26	31
9461		<i>Junco phaeonotus palliatus</i>	♀ ad.	do	do	170	250	80	77	13	22	22
9462		<i>Cardellina rubrifrons</i>	♂ ad.	do	do	143	215	72	64	9.7	19	14
9463		" "	♂ juv.	do	do							
9464		<i>Dendroica auduboni</i>	♀ juv.	do	do							
9465		<i>Empidonax</i>	♀ juv.	do	do							
9466		<i>Cyanocitta stelleri macrolopha</i>	♂ juv.	do	do							
9467		" "	♀ juv.	do	do							
9468		<i>Selasphorus rufus</i>	♂ ad.	Aug. 6, 1893.	San Jose Mts., Sonora.	95	107	38	29	17	-	-
9469		<i>Columba fasciata</i>	♂ ad.	Aug. 7, 1893.	do	370	630	220	155	19	29	39
9470		<i>Setophaga picta</i>	♀ ad.	do	do							
9471		<i>Cardellina rubrifrons</i>	♂ ad.	do	do	140	212	68	64	10.5	17.5	14.5
9472		" "	♀	do	do	134	204	64	62	10	18	14
9473		<i>Dendroica graciae</i>	♂	do	do	135	207	68	61	10.5	16.5	15
9474		" "	♀	do	do	125	190	61	54	10.5	15.5	14
9475		<i>Peucaea ruficeps boucardi</i>	♀ ad.	do	do	160	207	63	70	14	20.5	19
9476		" "	♂ juv.	do	do							
9477		<i>Contopus richardsonii</i>	♀ ad.	do	do	154	252	78	64	13	12.5	12.5
9478		<i>Sitta pygmaea</i>	♀ im.	do	do							
9479		" "	♂ im.	do	do	117	212	67	38	13.7	17	15.2
9480		" "	♂ ad.	do	do	111	206	65	38	13	17	15.2
9481		" "	♂ ad.	Aug. 8, 1893.	do	115	211	67	38	13	17	15.4
9482		<i>Certhia a. albescens</i>	♀ ad.	do	do	132	182	79	64	13.3	14	15

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
9483		<i>Poliophtila caerulea</i>	♂ ad.	Aug. 8, 1893.	San Jose Mts., Sonora.	121	271	53	54	10	18	12
9484		<i>Mniarchus l. olivaceus</i>	♂ ad.	do	do	150	227	69	66	12	19	15.3
9485		<i>Empidonax</i> (yellowish)	♂ ad.	do	do	143	220	68	63	12	17.5	13
9486		" "	♂ ad.	do	do	147	217	68	61	11.2	18	14
9487		<i>Junco phaeonotus palliatus</i>	♂ ad.	do	do	173	262	84	80	13	22	21.5
9488		" "	♂ juv.	do	do							
9489		<i>Peucaea ruficeps boucardi</i>	♂ ad.	do	do	155	218	68	70	12	20	19
9490		" "	♂ juv.	do	do							
9491		<i>Selasphorus platycercus</i>	♂ ad.	Aug. 9, 1893.	do	106	124	46	35	19	—	—
9492		<i>Pipilo maculatus megalonyx</i>	♂ ad.	do	do	222	288	93	113	15.7	28	27.5
9493		<i>Vireo gilvus swainsonii</i>	♀	do	do	140	215	67	50	11	18.3	15
9494		" "	♀	do	do	136	216	67	51	10.2	17	15
9495		<i>Dendroica graciae</i>	♂ ad.	do	do	131	207	68	56	10.5	17	14
9496		" "	♂ juv.	do	do							
9497		<i>Dendroica nigrescens</i>	♂ ad.	do	do							
9498		<i>Setophaga picta</i>	♂ juv.	do	do							
9499		" "	♂ ad.	Aug. 10, 1893.	do	145	219	70	68	9.5	16.5	15.5
9500		<i>Selasphorus platycercus</i> ?	♂ ad.	do	do	107	125	51	33	22	—	—
9501		" "	? ♂ juv.	do	do	102	130	50	32	19.5	—	—
9502		<i>Junco phaeonotus palliatus</i>	♂ ad.	do	do	168	253	78	73	13	21.5	19.3
9503		" "	♂ ad.	do	do	169	260	79	76	12	21	20
9504		<i>Leontopus pertinax</i>	♂ ad.	do	do	213	347	113	95	20	18.5	16.5
9505		" "	♂ ad.	do	do	195	222	106	89	18	16.5	15
9506		<i>Empidonax</i> (yellowish)	♂ ad.	do	do	148	226	69	62	12.5	17	15
9507		" "	♂ ad.	do	do	152	228	71	66	12.5	17.5	14
9508		<i>Melanerpes f. aculeatus</i>	♂ ad.	do	do	240	450	143	86	27	20.5	25.5
9509		" "	♂ ad.	do	do	232	443	138	80	26	21	25
9510		" "	♂ ad.	Aug. 11, 1893.	do	234	443	143	92	24	22	24
9511		<i>Falco s. deserticolus</i>	♂ juv.	do	do							
9512		<i>Cyanocitta stelleri maculoph</i>	-ad.	do	do	300	435	143	128	28	41	31
9513		<i>Piranga ludoviciana</i>	♂ ad.	do	do	194	308	99	75	16	20.5	20
9514		<i>Empidonax hammondi</i>	♂ ad.	do	do	145	229	72	64	10.3	16	13.3



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	14th toe and claw
9515		<i>Sitta pygmaea</i>	♀ ad.	Aug. 11, 1893.	San Jose Mts., Sonora.	110	205	64	35	13	15.5	16.5
9516		<i>Certhia americana albescent</i>	♂ ad.	do	do	136	193	65	65	15	15	15.5
9517		" "	♀ juv.	do	do	123	181	61	60	12.5	13	14
9518		<i>Thryothorus b. leucogaster</i>	♀ ad.	do	do	136	188	58	58	14	18	17
9519		<i>Cardellina rubrifrons</i>	♀	do	do	140	214	67	63	10.3	17.5	14
9520		<i>Mimus polyglottos</i>	♂ ad.	Aug. 13, 1893.	Dutch Charley's Ranch, Monument No. 88.	260	364	116	129	18.3	22.5	28
9521		<i>Pyrrhuloxia s. beckhami</i>	♀ juv.	do	do							
9522		<i>Tyrannus verticalis</i>	♂ juv.	do	do							
9523		<i>Calamospiza melanocorys</i>	♂ ad.	do	do	179	292	87	70	15	25	23
9524		<i>Spizella breweri</i>	♀ ad.	do	do	135	195	61	65	9	16.5	16
9525		<i>Peucaea cassini</i>	♂ ad.	do	do	155	219	65	68	13	21	20
9526		" "	♂ ad.	do	do	155	213	64	71	12.8	20	18.5
9527		" "	♂ ad.	do	do	160	220	67	73	12.2	21	19
9528		<i>Stelgidopteryx serripennis</i>	♀ juv.	Aug. 14, 1893.	do							
9529		<i>Peucaea cassini</i>	♂ ad.	Aug. 15, 1893.	Niggerhead Mt., N. B. L.	163	220	67	72	12.5	21	21
9530		" "	♂ ad.	do	do	156	213	64	70	12.8	19	19
9531		<i>Salpinctes obsoletus</i>	♂ ad.	do	do	149	226	72	55	16	20.5	19
9532		" "	♀ ad.	do	do	148	222	73	58	17	20	19
9533		<i>Callipepla squamata</i>	♂ ad.	Aug. 16, 1893.	do	273	407	124	97	12	30	33
9534		<i>Bubo. virg. subarcticus</i>	ad.	Aug. 17, 1893.	do	510	1300	370	220	28.5	61	65
9535		<i>Guiraca caerulea</i>	♂ im.	Aug. 17, 1893.	San Bernardino Ranch.							
9536		<i>Dryobates s. bairdi</i>	♀ im.	do	do							
9537		<i>Guiraca caerulea</i>	♀ ad.	do	do	186	285	90	73	19	21	23.5
9538		<i>Peucaea cassini</i>	♂ ad.	do	Near Niggerhead, in the mountains.	167	222	68	73	13	22	20.5
9539		<i>Empidonax</i>	♂ ad.	do	San Bernardino Ranch.	153	231	72	62	11.8	17	15
9540		<i>Amphispiza bilineata</i>	♂ ad.	do	do	151	225	69	70	13	20	18
9541		<i>Leontopus richardsonii</i>	♀ juv.	do	do							
9542		<i>Xanthocephalus</i>	♀ juv.	Aug. 19, 1893.	do							
9543		<i>Gallinago delicata</i>	♀ ad.	Aug. 20, 1893.	do	285	438	135	64	68	31	36
9544		<i>Ardea herodias</i>	♀ juv.	Aug. 20, 1893.	do	55						
9545		<i>Buteo borealis calurus</i>	♀ juv.	Aug. 21, 1893.	do	580	1320	412	270	25	92	58
9546		<i>Amphispiza bilineata</i>	♀ ad.	do	do	140	207	62	62	11.8	19	17

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
9547		<i>Melanerpes uropygialis</i>	♀ ad.	Aug. 21, 1893.	San Bernardino Ranch,							
9548		" "	♂ ad.	do	do							
9549		" "	♂ ad.	do	do							
9550		<i>Dendroica aestiva sonorana</i>	♀ ad.	do	do							
9551		<i>Geothlypis macgillivrayi</i>	♀ ad.	do	do							
9552		<i>Auriparus flaviceps</i>	♀ juv.	do	do							
9553		" "	♀ juv.	Aug. 23, 1893.	do							
9554		<i>Anas carolinensis</i>	♂ im.	do	do	378	615	188	84	37	33	44
9555		<i>Zenaidura macroura</i>	♂ ad.	do	do	307	475	158	150	14.4	22	27.
9556		<i>Lanius l. excubitorides</i>	♀ ad.	do	do							
9557		<i>Dendroica aestiva sonorana</i>	♂ ad.	do	do	128	200	63	51	10	19	15
9558		" <i>aestiva</i>	♀ ad.	do	do	133	200	64	51	11	19.7	15.4
9559		<i>Sylvania pusilla</i>	♀ ad.	do	do							
9560		<i>Empidonax</i>	♀ ad.	do	do	154	230	140	60	10	19	17
9561		<i>Spizella socialis arizonae</i>	♂ ad.	do	do							
9562		<i>Sayornis nigricans</i>	♀ juv.	do	do							
9563		<i>Phainopepla nitens</i>	♂ ad.	do	do							
9564		<i>Totanus solitarius</i>	♀ ad.	do	do	225	440	143	63	32	35	32
9565		<i>Melanerpes uropygialis</i>	♂ ad.	Aug. 26, 1893.	Halls Ranch, Guadeloupe Cañon.	249	425	127	90	28	31	28
9566		<i>Lache latirostris</i>	♂	Aug. 30, 1893.	Guadeloupe Cañon, near Montezuma.	104	132	52	33	21	-	-
9567		<i>Apelocoma sieberii arizonae</i>	♀ ad.	do	do							
9568		<i>Piranga rubra cooperi</i>	♂ ad.	do	do							
9569		<i>Vireo gilvus swainsonii</i>	♂ ad.	do	do	137	220	69	51	10.3	18	14.5
9570		<i>Dendroica nigrescens</i>	♀ ad.	do	do	130	200	64	53	10.3	18	14
9571		<i>Helminthophila luciae</i>	♂ ad.	do	do	122	194	61	50	11	16.5	14
9572		<i>Speotyto cunicularia hypogaea</i>	♀ im.	Sept. 3, 1893.	San Luis Springs, Chihuahua.							
9573		<i>Anas cyanoptera</i>	♂ im.	do	do							
9574		<i>Otocoris alpestris adusta</i>	♀	do	do							
9575		<i>Piranga hepatica</i>	♀ im.	Sept. 4, 1893.	San Luis Mts., Chihuahua.							
9576		<i>Setophaga picta</i>	♀ ad.	do	do	142	214	68	67	10.5	16	14
9577		<i>Merula mig. propinqua</i>	♀ ad.	do	do							
9578		<i>Columba fasciata</i>	♂ ad.	Sept. 6, 1893.	do	386	660	218	156	18	27	37







Museum No. Collector's No.

Name

Sex and Age

Date

Locality

Length

Alar expanse

Wing

Tail

Culmen

Tarsus

Middle toe and claw

9643	<i>Accipiter velox</i>	♀ juv.	Sept. 29, 1893.
9644	<i>Oryzobates villosus hyloscopus</i>	♀ ad.	do
9645	<i>Oryzobates scularis bairdi</i>	♀ ad.	do
9646	<i>Turdus aonalaschkae</i>	♀ ad.	do
9647	<i>Sialia mexicana bairdi</i>	♀ ad.	do
9648	" " "	♀ im.	do
9649	<i>Parus meridionalis</i>	♀ ad.	do
9650	" "	♀ ad.	do
9651	" "	♀ ad.	do
9652	<i>Setophaga picta</i>	♀ ad.	do
9653	<i>Geothlypis tr. occidentalis</i>	♀ juv.	do
9654	<i>Delasphorus platycercus?</i>	♀	do
9655	<i>Corvus corax sinuata</i>	♀ ad.	do
9656	<i>Leathartes aura</i>	♀ ad.	do
9657	<i>Totanus melanoleucus</i>	♀ ad.	Sept. 30, 1893.
9658	<i>Macrorhamphus scolopaceus</i>	ad.	do
9659	<i>Anas cyanoptera?</i>	♀ ad.	do
9660	<i>Aphelecoma s. arizonae</i>	♀ ad.	do
9661	<i>Otocoris a. adusta</i>	♀ ad.	do
9662	<i>Stellula calliope</i>	♀ ad.	Oct. 1, 1893.
9663	<i>Euphonia fulvifrons</i>	♀ ad.	do
9664	<i>Sphyrapicus v. nuchalis</i>	♀ ad.	do
9665	<i>Aphelecoma s. arizonae</i>	♀ ad.	do
9666	<i>Xanthocephalus xanthocephalus</i>	♀ ad.	do
9667	<i>Leathartes aura</i>	? juv.	do
9668	<i>Accipiter cooperi</i>	♀ juv.	do
9669	<i>Scolecophagus cyanocephalus</i>	♀	Oct. 2, 1893.
9670	<i>Harpophynchus c. palmeri</i>	♀	do
9671	<i>Falco sparverius deserticolus</i>	♀ ad.	do
9672	" " "	♀ ad.	do
9673	<i>Colaptes cafer</i>	♀ ad.	do
9674	<i>Otocoris a. adusta</i>	♀ ad.	do

West side of San Luis Mts.

do

do

do

do

do

do

do

do

do

do

do

do

do

Animas Valley, Chihuahua.  
Monument No. 67.

do

do

West side San Luis Mts.  
Animas Valley, Chihuahua  
Monument No. 67

W. Side of San Luis Mts.

do

do

do

San Luis Spring, Mont. No. 66

W. Side of San Luis Mts.

Guadalupe Cañon, MEX. B.D. LINE

San Luis Spring, Mont. No. 66

W. Side San Luis Mountains.

do

do

Guadalupe Cañon, MEX. B.D. LINE

Animas Valley, MEX. B.D. LINE

350	655	210	182	13	57	46
220	390	123	82	25	21	22
186	340	105	72	20	18.5	19
183	305	98	75	14.5	31	23
176	332	112	72	11	20	20
132	212	68	61	9.2	17	14
133	203	65	61	9.4	17.5	14.5
136	217	70	64	9.7	19	14.6
141	214	69	63	10	16.5	15
99	118	48	29	17.5	—	—
660	1335	445	285	69	64	64
680	1780	563	300	27	70	90
338	617	192	82	55	55	36
303	492	154	70	70	42	33
407	645	192	87	44	33	45
331	507	165	153	26.5	41	34
176	331	112	78	10.7	20	19
93	108	42	27	16	—	—
141	214	66	60	10	15	14
226	415	135	93	24	21	22
325	500	163	160	28	40	35.5
280	453	152	120	23	37	38
700	1770	520	310	25	67	90
480	840	265	250	17	64	55
235	377	123	96	21	32	28
—	—	—	—	30	34	31
282	595	197	148	11	37	30
283	620	210	148	12.3	37	30
318	515	165	128	32.5	27	31
179	336	108	78	11	21	19

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Wing	Tail	Culmen	Tarsus	15 Middle toe and claw	
9675		<i>Ammodramus bairdii</i>	♂ ad.	Oct. 2, 1893.	Animas Valley, MEX. B.D.Y. LINE.	147	244	74	56	11.3	21	21
9676		"	♀ ad.	do	do	139	237	72	56	11.2	20.5	19
9677		"	♀ ad.	do	do	131	231	70	53	11.3	20.5	19.5
9678		<i>Accipiter cooperi</i>	♀ juv.	Oct. 3, 1893.	Halls Ranch, Guadeloupe Cañon	470	800	253	238	18	68	54
9679		<i>Colaptes cafer</i>	♀ ad.	do	do	312	520	166	120	32	25	29
9680		<i>Melanerpes uropygialis</i>	♂ ad.	do	do	250	430	133	95	28	23	28
9681		<i>Zonotrichia l. intermedia</i>	imm.	do	do							
9682		<i>Amantopus mexicanus</i>	♀	Oct. 4, 1893.	San Bernardino River, Sonora	340	655	208	75	56	96	42
9683		"	imm?	do	do	352	667	210	72	57	100	45
9684		<i>Melanerpes uropygialis</i>	♀ ad.	do	Guadeloupe Cañon, Sonora.	232	409	126	79	24	22	27
9685		"	♂ ad.	do	do	260	438	135	99	29	23.5	27.5
9686		"	♂ ad.	do	do	263	442	138	101	30	23	28
9687		<i>Ammodramus s. perpallidus</i>	♂ ad.	do	do	135	216	66	50	11.7	19.5	19.5
9688		<i>Peucaea</i>	♂	do	do	160	218	67	71	13.3	22	20
9689		<i>Icterus cucullatus nelsoni</i>	♂ ad.	do	do	218	285	94	102	20.5	24	22.5
9690		<i>Piranga ludoviciana</i>	♀ ad.	do	do	182	286	92	73	15.5	21	20
9691		<i>Helminthophila celata</i>	♀ ad.	do	do	106	183	58	50	10	17.3	14.5
9692		<i>Regulus calendula</i>	♀	do	do							
9693		<i>Tyrannus vociferans</i>	♂ ad.	do	do	237	417	133	102	20	19.5	20.5
9694		<i>Ceryle alcyon</i>	♂ ad.	do	San Bernardino River, M.B. L.	340	565	165	106	50	18.2	24
9695		<i>Anas cyanoptera</i>	♀	Oct. 5, 1893.	do	390	645	193	86	42.5	32	43
9696		<i>Bataurus lentiginosus</i>	♂ ad.	do	do	675	1080	295	100	76	93	101
9697		<i>Aquila chrysaetos</i>	♀ ad.	Oct. 4, 1893.	San Bernardino River, Sonora	900	2225	665	400	41	106	109
9698		<i>Cathartes aura?</i>	♂? juv.	do	Guadeloupe Cañon, M.B. L.	630	1675	510	290	22	63	84
9699		<i>Plegadis guarauna</i>	♀ juv.	do	San Bernardino River	503	905	256	97	92	86	75
9700		"	♀ juv.	do	do	503	900	252	102	95	83	73
9701		"	♂ juv.	do	do	570	950	262	108	122	103	84
9702		"	♀ juv.	do	do	508	917	258	107	93	89	76
9703		"	♀ juv.	do	do	517	910	262	100	109	85	76
9704		<i>Gallinula galeata</i>	♀ ad.	Oct. 7, 1893.	do	330	553	173	77	without cere 28	51	72
9705		"	♀ im.	do	do	338	540	165	74	with cere 30.5	51	72
9706		"	♀ im.	do	do							



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Wing	Tail	Culmen	Tarsus	Middle toe and claw
9707		<i>Sayornis saya</i>	♂ ad.	Oct. 6, 1893.	San Bernardino River						
9708		<i>Harporhynchus crissalis</i>	♂	Oct. 7, 1893.	do.						
9709		<i>Pencaea cassini?</i>	♀ ad.	do	Sulphur Spring Valley						
9710		<i>Pencaea arizonae</i>	♀	do	do						
9711		<i>Phainopepla nitens</i>	♂ ad.	do	do						
9712		<i>Leistothorax palustris paludicola</i>	♀ ad.	do	San Bernardino River.						
9713		<i>Geothlypis trichas occidentalis</i>	♂ juv.	do	do.						
9714		<i>Ammodramus sandwichensis alaudinus</i>	♂ ad.	do	Sulphur Spring Valley						
9715		" " "	♀ ad.	do	do						
9716		<i>Poocætes gramineus confinis</i>	♂ ad.	do	do						
9717		<i>Plegadis guarauna</i>	♂ juv.	Oct. 5, 1893.	San Bernardino River						
9718		" "	♀ juv.	do	do						
9719		" "	♀ juv.	do	do						
9720		<i>Chordeiles acutipennis texensis</i>	♀	do	do						
9721		<i>Piranga rubra cooperi</i>	♂ ad.	July 29, 1893.	San Pedro River, Sonora.	208	333	107	91	20.3	20
9722		<i>Colaptes cafer</i>	♂ ad.	Oct. 17, 1893.	Huachuca Mts., Arizona.	340	553	180	135	40	28
9723		<i>Dryobates villosus hyloscopus</i>	♂ ad.	do	do	227	400	126	82	26	23
9724		<i>Sitta pygmaea</i>	♂ ad.	do	do	112	210	68	37	13	15
9725		<i>Sitta carolinensis aculeata</i>	♂ ad.	do	do	151	282	94	55	22	17.5
9726		<i>Cyanocitta stelleri macrolopha</i>	♂ ad.	do	do	314	460	148	138	27	41
9727		" " "	♀ ad.	do	do	301	442	144	138	27	40
9728		<i>Myadestes townsendii</i>	♂ ad.	do	do	220	357	120	108	13	21
9729		<i>Aythya americana</i>	♂ juv.	do	do						
9730		<i>Aythya collaris</i>	♀ ad.	Oct. 20, 1893.	Santa Teres, Sonora.						
9731		<i>Gallinago delicata</i>	♂	do	do						
9732		<i>Phynchophanes macconnii</i>	♀	do	do						
9733		<i>Ammodramus sandwichensis alaudinus</i>	♀	do	do						
9734		" " "	♂	do	do						
9735		<i>Cyanocitta stelleri macrolopha</i>	♂	Oct. 18, 1893.	Huachuca Mts., Miller's Cañon						
9736		" " "	♀	do	do						
9737		" " "	♂ juv.	do	Sierra, Barbaconeri Creek.						
9738		" " "	♂	do	do						
9739		" " "	♀	Oct. 19, 1893.	do.						

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
9739		<i>Icthyophaga stelleri maculophaga</i>	♀	Oct. 19, 1893.	Siemega, Barbaconon Creek.							
9740		<i>Sphyrapicus varius michahii</i>	♂ ad.	Oct. 18, 1893.	Miller's Cañon, Huachuca Mts.							
9741		"	♀ ad.	do	do							
9742		<i>Empidonax fulvifrons</i>	♀ ad.	do	do							
9743		<i>Icterus parisorum</i>	♂ ad.	(18) do	do							
9744		<i>Dryobates callaris bairdi</i>	♀ ad.	Oct. 21, 1893.	Town of Santa Cruz, Sonora.	180	326	102	72	19	17	18.5
9745		<i>Salpinctes obsoletus</i>	♂ ad.	Oct. 22, 1893.	do	198	343	110	88	13	20.5	17
9746		<i>Spizella socialis arizonae</i>	♀ ad.	do	do							
9747		"	♀ juv.	do	do							
9748		<i>Tyrannus vociferans</i>	♂ im.	do	do							
9749		"	♂ ad.	Oct. 23, 1893.	Santa Cruz River, Sonora.	232	418	131	102	18.5	20	21
9750		<i>Falco sparverius deserticolus</i>	♂ ad.	do	do	273	587	194	146	12.3	35	32
9751		<i>Melanerpes uropygialis</i>	♀ ad.	do	do	243	415	130	95	26.5	22	26.5
9752		<i>Melanerpes formicivorus bairdi</i>	♂ ad.	do	do	240	398	146	93	26.5	21	24
9753		<i>Corvus corax sinuata</i>	♀ ad.	do	do	625	1240	405	253	68	67	68
9754		<i>Geococcyx californianus</i>	♂ juv.	do	do	612	565	190	325	48	64	45
9755		<i>Sphyrapicus varius michahii</i>	♂ ad.	Oct. 24, 1893.	do	218	396	128	84	23	21	22
9756		<i>Buteo borealis calurus</i>	♂ juv.	do	do	520	1220	575	235	23	80	65
9757		<i>Zenaidura macroura</i>	ad.	Oct. 25, 1893.	Nogales, Sonora.	320	460	156	156	15	21	27
9758		<i>Colaptes cafer</i>	♀ ad.	do	do	320	530	167	130	34	29	33
9759		<i>Melanerpes formicivorus bairdi</i>	♂ ad.	do	do	243	460	147	90	25	21	24
9760		"	♂ ad.	do	do	240	456	147	90	26	21.5	26
9761		"	♀ ad.	do	do	240	453	143	92	23	20	24
9762		"	♀ ad.	do	do	240	455	144	92	24	20.5	24.5
9763		<i>Pooecetes gramineus confinis</i>	♂ ad.	do	do	170	279	86	74	12	22	20
9764		"	♂ ad.	do	do	162	270	84	68	11.8	22	20
9765		<i>Spizella socialis arizonae</i>	♂ juv.	do	do							
9766		"	♂ juv.	do	do	130	202					
9767		<i>Parus wollweberi</i>	♀ ad.	do	do	130	202	63	60	8	16.3	15
9768		<i>Junco caniceps</i>	♂ ad.	Oct. 26, 1893	do	161	245	78	77	12	20	18
9769		<i>Salpinctes obsoletus</i>	♀ (ad?)	do	do							
9770		"	♂ ad.	do	do	155	238	74	59	20	22	19

Museum No. Collector's No.

Name

Sex and age

Date

9771	<i>Pipilo maculatus megalonyx</i>	♂ ad.	Oct. 26, 1893.
9772	<i>Spizella socialis arizonae</i>	♂ juv.	do
9773	<i>Aphelocoma sieberii arizonae</i>	♂	Oct. 27, 1893.
9774	<i>Sphyrapicus varius nuchalis</i>	♂	do
9775	<i>Gonotrichia leucophrys intermedia</i>	♀ ad.	do
9776	<i>Phainopepla nitens</i>	♂ juv.	do
9777	<i>Merula migratoria propinqua</i>	♀ ad.	Oct. 28, 1893.
9778	<i>Columbigallina passerina pallescens</i>	♂ ad.	do
9779	<i>Sphyrapicus varius nuchalis</i>	♀ ad.	do
9780	<i>Callipepla gambeli</i>	♂ ad.	Oct. 29, 1893
9781	<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do
9782	<i>Accipiter cooperi</i>	♂ juv.	Nov. 5, 1893.
9783	<i>Sturnella</i>	♀ ad.	Nov. 10, 1893.
9784	<i>Poliophtila plumbea</i>	♀	do
9785	"	?	do
9786	<i>Spizella breweri</i>	♂	do
9787	<i>Scardafella inca</i>	♀ ad.	do
9788	"	♂ ad.	do
9789	"	♂ ad.	do
9790	"	♀ ad.	do
9791	"	♀ ad.	do
9792	"	♂ ad.	do
9793	<i>Sitta carolinensis aruleata</i>	♂ ad.	do
9794	<i>Tyrannus vociferans</i>	♀ ad.	do
9795	<i>Chondestes grammacus strigatus</i>	♂ ad.	do
9796	<i>Junco hyemalis</i>	♂ ad.	Nov. 12, 1893.
9797	<i>Harporhynchus crissalis</i>	♂ ad.	Nov. 13, 1893.
9798	<i>Melospiza lincolni</i>	♂ ad.	do
9799	<i>Pipilo chlorurus</i>	♂ ad.	do
9800	<i>Ammodramus sandwichensis claudineus</i>	♂ ad.	do
9801	<i>Columbigallina passerina pallescens</i>	♂ ad.	do
9802	"	♂ ad.	do

Locality

Length

Alar expanse

Wing

Tail

Culmen

Tarsus

Middle toe and claw

Mogales, Sonora.	222	288	91	114	14	27	28.5
do							
do	336	520	168	155	29.5	44	37
do	212	396	129	86	21	21.5	22.5
do	171	245	79	77	11.7	23.5	22.5
do	184	286	89	86	11	17	18
Tubac Kum (Guadalupe), Santa Cruz River, Ariz.	270	425	137	111	20	33	28
do	174	278	89	66	12	16	18.5
do	220	400	128	86	22	21	22
20 miles south of Tucson on Santa Cruz R.	270	383	120	113	11	33	38
do							
Tucson, Arizona							
St. Lowell, Arizona.	237	382	118	78	28	40	33
do	121	156	48	53	11	17	12
do	121	161	50	55	11	19	12
do	138	200	63	65	9	18	17
Tucson, Arizona.	210	284	91	98	12.8	16	20
do	210	290	91	97	13	17	21.5
do	205	287	93	100	13.3	15	20
do	215	284	93	107	12	16	20
do	215	285	92	106	13	16	20
do	215	283	92	105	13	16	20
do	151	280	95	55	20	16	20
do	220	386	125	92	20	18	22
do	178	290	94	76	14	21	21
do	161	250	80	73	11	21	20
do	309	328	100	141	34	35	31
do	149	211	66	64	11.2	21	21
do	190	250	77	90	13.3	26	24
do	142	234	72	53	11	20	19.5
do	171	280	90	64	11	16	18
do	168	273	90	65	11	15.5	18



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	1st toe and claw
	9803	<i>Pyrrhuloxia sinuata beckhami</i>	♂ ad.	Nov. 13, 1893.	Tucson, Arizona.	222	307	98	112	15.5	26	25
	9804	" "	♂ ad.	do	do	227	297	94	115	16	25	23.5
	9805	<i>Troglodytes aedon aztecus</i>	♂ ad.	do	do	126	172	51	49	13.2	17	16
	9806	<i>Corvus corax sinuata</i>	♀ ad.	do	do	590	1190	390	243	59	63	59
	9807	" "	♂ juv.	do	do	596	1207	393	240	69	68	67
	9808	" "	♂ ad.	do	do	618	1260	405	255	67	67	63
	9809	<i>Lanius ludovicianus excubitorides</i>	♀ ad.	do	do	232	323	101	103	16	26	23.7
	9810	<i>Scardafella inca</i>	♂ ad.	Nov. 14, 1893	do	216	297	95	106	11.3	15.7	20
	9811	" "	♂ ad.	do	do	217	291	92	102	12.2	16.6	21
	9812	" "	♀ ad.	do	do	211	290	92	98	12.8	15.5	19.2
	9813	" "	♀ juv.	do	do							
Am. Mus.	9814	<i>Callipepla gambeli</i>	♂ ad.	Nov. 16, 1893.	do	286	378	118	108	12.6	32	36
	9815	" "	♀ ad.	do	do	280	378	119	108	12	31	37
	9816	<i>Pyrrhuloxia sinuata beckhami</i>	♀ ad.	do	do	215	290	92	104	15	24.5	23
	9817	<i>Zonotrichia leucophrys intermedia</i>	♀ juv.	do	do							
	9818	" "	♀ juv.	do	do							
	9819	<i>Falco sparverius deserticolus</i>	♀ -	do	do	268	590	193	140	13	36	34.3
	9820	<i>Accipiter cooperi</i>	♂ juv.	do	do							
	9821	<i>Spizella breweri</i>	♀ ad.	do	do							
	9822	<i>Harporhynchus curvirostris palmeri</i>	♂ ad.	do	do	293	352	109	127	34	52	32
	9823	<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do	do							
	9824	<i>Troglodytes aedon aztecus</i>	♂ ad.	do	do							
	9825	<i>Accipiter velox</i>	♀ im.	Nov. 20, 1893.	Fort Lowell, Arizona.	358	680	215	178	12	57	47
131447	9826	<i>Callipepla gambeli</i>	♂ ad.	do	do	290	383	118	106	12.3	32	35
Am. Mus.	9827	" "	♀ ad.	do	do	285	375	116	103	12	30	36
	9828	<i>Lanius ludovicianus excubitorides</i>	♀ ad.	do	do	235	330	103	108	16	27.5	25
	9829	<i>Anas strepera</i>	♀ ad?	do	do	480	835	250	92	41	38	51
	9830	<i>Spatula clypeata</i>	♀ ad.	do	do	450	746	220	84	57	37	48
	9831	<i>Anas carolinensis</i>	♂ juv.	do	do	370	625	187	85	36	32	42
	9832	<i>Anas boschas</i>	♀ ad.	do	do	560	940	277	111	56	44	63
	9833	<i>Charitonetta albeola</i>	♂ ad.	do	Silver Lake, Tucson, Arizona.	373	612	176	88	29	34	58
	9834	<i>Anas boschas</i>	♂ ad.	do	Fort Lowell, Arizona							

Museum No. Collector's No.

Name

Sex and Age

Date

Locality

Length

Alar expanse

Wing

Tail

Culmen

Tarsus

Middle toe and claw

9835	<i>Anas carolinensis</i>	♀ ad.	Nov. 20, 1893.
9836	<i>Melanerpes uropygialis</i>	♂ ad.	do
9837	"	♀ ad.	do
9838	<i>Urubitinga anthracina</i>	ad.	?
9839	<i>Micropallas whitneyi</i>	ad.	?
9840	<i>Asio wilsonianus</i>	♂ ad.	Nov. 26, 1893
9841	<i>Ammodramus sandwichensis alaudinus</i>	♀ ad.	do
9842	<i>Troglodytes aëdon aztecus</i>	♂ ad.	do
9843	"	♀ ad.	do
9844	<i>Poocætes gramineus confinis</i>	♂ ad.	do
9845	<i>Sturnella</i>	♀ ad.	do
9846	<i>Columbigallina passerina pallescens</i>	♂ ad.	do
9847	"	♀ ad.	do
9848	<i>Egialitis montana</i>	♀ ad.	Nov. 29, 1893.
9849	<i>Spizella socialis arizonæ</i>	♂ im.	Nov. 30, 1893.
9850	<i>Salpinctes obsoletus</i>	♂	do
9851	<i>Spizella socialis arizonæ</i>	♂ im.	Dec. 1, 1893.
9852	<i>Aphelocoma woodhousei</i>	♂	do
9853	<i>Sphyrapicus varius nuchalis</i>	♂ ad.	do
9854	<i>Aphelocoma sieberii arizonæ</i>	♂ ad.	do
9855	<i>Falco sparverius deserticolus</i>	♂ ad.	do
9856	<i>Lanius ludovicianus excubitorides</i>	♀ ad.	do
9857	<i>Colaptes cafer</i>	♀ ad.	do
9858	<i>Zenaidura macroura</i>	♂ ad.	do
9859	"	♂ ad.	do
9860	<i>Spizella socialis arizonæ</i>	♂ juv.	do
9861	<i>Sialia arctica</i>	♂ ad.	Dec. 2, 1893.
9862	"	♂ ad.	do
9863	<i>Sialia mexicana bairdi</i>	♂ ad.	do
9864	<i>Falco sparverius deserticolus</i>	♀	do
9865	<i>Oxybates scalaris bairdi</i>	♂ ad.	do
9866	<i>Carpodacus mexicanus frontalis</i>	♂ ad.	do

Fort Lowell, Arizona.

do

do

Santa Catalina Mts., E. side.

Tucson, Arizona.

do

do

do

do

do

do

do

do

5 m. north of Arivaca on a desert plain.

Warsaw Mills, Arizona.

do

do

nearest monument.

do

do

do

do

do

do

do

do

do

do

do

do

do

do

239	487	154	71	24	37	23
150	233	71	56	17	23	18
71	M.					
291	389	125	141	26	42	27
220	400	130	84	23.5	21	23
331	506	164	152	30	43	35
275	592	197	137	12.5	37	33
230	327	103	107	17	27	24
326	520	170	123	39	30	33
310	460	154	158	13	23	26
315	458	150	150	15	23	27
182	334	117	74	13	22	20
190	350	119	74	13	21.3	21
170	335	108	70	12	20	20
275	580	196	138	12	36	30
190	340	108	68	22	19.3	21
158	250	80	69	10.2	17	19

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
9867		<i>Carpodacus mexicanus frontalis</i>	♀ ad.	Dec. 2, 1893.	Warsaw Mills, Arizona	158	250	79	70	11	17	19
9868		<i>Chondestes grammacus strigatus</i>	♂ ad.	Dec. 3, 1893.	do	174	277	90	76	13	23	20
9869		"	♀ ad.	do	do	168	244	89	73	13	22	20
9870		<i>Apelocoma woodhousei</i>	♀	do	do	298	402	128	139	27	43	32
9871		"	♀ ad.	do	do	300	400	130	148	26	38	30
9872		<i>Cyanocitta stelleri macrolopha</i>	♂ ad.	do	do	309	470	150	138	29	43	32
9873		"	♂ ad.	do	do	319	467	150	143	31	43.5	34
9874		"	♂ ad.	do	do	328	482	155	149	30.5	43.5	33
9875		"	♀ ad.	do	do	310	457	148	137	29	41	31
9876		"	♀ ad.	do	do	308	470	149	138	27.5	44	32
9877		"	♂ ad.	do	do	311	453	145	135	30	42.5	31
9878		<i>Falco sparverius deserticolus</i>	♂ ad.	do	do	270	585	195	132	12.5	36	32
9879		<i>Sphyrapicus varius nuchalis</i>	♂	do	do	216	395	130	90	21	20	21.5
9880		<i>Melanerpes torquatus</i>	♂ im.	do	do							
9881		<i>Melanerpes formicivorus aculeatus</i>	♂ ad.	do	do	239	450	142	90	—	21	24
9882		"	♀ ad.	do	do	230	450	142	90	25.5	20	22.5
9883		<i>Chondestes grammacus strigatus</i>	♀ ad.	do	do	175	279	90	74	12.5	20	21
9884		<i>Sayornis saya</i>	♀ ad.	do	do	198	342	110	87	16.5	21	18.5
9885		<i>Phainopepla nitens</i>	♂	do	do	N. M.						
9886		<i>Parus wollweberi</i>	♀	do	do	126	196	61	58	9	15.5	14
9887		<i>Saltriparus santaritae</i>	♀	Dec. 4, 1893	do	115	158	51	57	7	16	13
9888		<i>Sialia mexicana bairdi</i>	♂ ad.	Dec. 5, 1893.	do	180	334	112	71	11	19.5	19
9889		"	♂ ad.	do	do	181	339	115	74	11.3	21	20
9890		"	♂ ad.	do	do	175	328	109	72	12	20.8	20
9891		<i>Sialia arctica</i>	♂ ad.	do	do							
9892		"	♂ ad.	do	do							
9893		<i>Spizella socialis arizonae</i>	? juv.	do	do							
9894		"	♂ juv.	do	do							
9895		<i>Pooecetes gramineus confinis</i>	? ad.	do	do	165	280	87	71	12	22	20.5
9896		<i>Pipilo maculatus megalonyx</i>	♂	do	do	219	282	88	108	15.2	27	27
9897		"	♂	do	do	220	293	91	110	14.3	29	27
9898		<i>Cyanocitta stelleri macrolopha</i>	♂ ad.	do	do	319	474	150	138	30	44	35



Museum No.	Collector's	Name	Sex and Age	Date
9899		<i>Cyanocitta stelleri macrolopha</i>	♀ ad.	Dec. 5, 1893.
9900		" "	♀ ad.	do
9901		" "	♂ ad.	do
9902		" "	♀ ad.	do
9903		" "	♀ ad.	do
9904		<i>Apelocoma woodhousei</i>	♂ ad.	do
9905		<i>Apelocoma sieberii arizonae</i>	♂ ad.	do
9906		" "	♂ ad.	do
9907		" "	♀ ad.	do
9908		<i>Colaptes cafer</i>	♂ ad.	do
9909		<i>Melospiza leucophaea</i>	♀ ad.	do
9910		<i>Mimus polyglottos</i>	♂ ad.	do
9911		<i>Melanerpes torquatus</i>	♂ juv.	do
9912		" "	♀ ad.	do
9913		" "	♀ juv.	do
9914		" "	♀ ad.	do
9915		<i>Melanerpes formicivorus aculeatus</i>	♂ ad.	do
9916		" "	♂ ad.	do
9917		" "	♂ im.	do
9918		" "	♂ ad.	do
9919		" "	♂ ad.	do
9920		" "	♀ ad.	do
9921		" "	♀ ad.	do
9922		<i>Buteo borealis calurus</i>	♂ ad.	do
9923		<i>Lanius ludovicianus excubitorides</i>	♂ ad.	Dec. 7, 1893.
9924		<i>Pyrocephalus rubinus mexicanus</i>	♂ ad.	do
9925		<i>Mimus polyglottos</i>	♂ ad.	do
9926		<i>Helodytes brunneicapillus</i>	♂ ad.	Dec. 8, 1893.
9927		<i>Otocoris</i>	♀	do
9928		<i>Dryobates scalaris bairdi</i>	♂ ad.	do
9929		<i>E. gyalitis montana</i>	♂	do
9930		" "	♂	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Warsaw, Pima Co., Ariz., altitude 4225 ft.	300	446	142	136	28	42	32
do	300	455	149	136	27	42.5	33
do	321	480	154	143	30.7	44	34.5
do	310	470	150	140	29.5	42	33
do	297	435	140	134	27	39	31
do	306	407	131	143	28	41	30
do	340	538	173	152	31	47	38
do	340	550	170	159	29	44	36
do	338	527	169	155			
do	346	560	177	136	37	33	33.5
do	296	488	163	112	20.5	25	30
do	255	363	116	122			
do							
do	272	541	170	109	27	25	29
do							
do	275	540	170	102	28.5	26.5	29
do	237	457	143	87	24.5	23	25
do	245	460	147	97	26.5	21.5	25
do							
do	236	445	142	85	26	21.5	25.5
do	239	450	140	88	25	22	23
do	230	438	135	81	26	19.5	23
do	233	450	143	90	23	20	23.5
do	547	1305	408	242	26.5	88	61
Oro Blanco, Pima Co., Ariz.	241	337	109	112	17	30	23
do	152	263	82	63	10.5	16.5	14
do	265	367	120	129	15	36	27.5
En Route between Oro Blanco + Sturgis Ranch, Pima Co., Arizona. Near Buenos Ayres	219	290	90	88	23	30	28
do	171	315	103	70	10	22	17
do	199	329	108	73	22	20	20
do	237	481	150	69	20	41	25
do	233	478	150	72	21	40	24

Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	17 Middle toe and claw
9931		<i>E. gyalitis montana</i>	♀	Dec. 8, 1893	En Route between Oro Blanco + Sturgis Ranch, Pima Co., Arizona. Near Buenos Ayres.	272	505	165	73	22	40	265
9932		"	♀	do	do	246	500	155	71	21	40	26
9933		"	♂ ad.	do	do	249	505	162	74	22	42	26
9934		"	♀	do	do	248	499	160	76	20	37	25
9935		<i>Buteo borealis calurus</i>	♀ ad.	do	La Osa, Pima Co., Arizona.	585	1420	430	268	28	94	70.5
9936		<i>Phainopepla nitens</i>	♀	Dec. 10, 1893.	do	197	285	88	89	10	19.5	19
9937		<i>Harporhynchus bendirei</i>	♀	do	do	256	331	101	115	22	36.5	29
9938		<i>Oroscoptes montanus</i>	♀ ad.	do	do	217	314	99	93	16	32	24
9939		<i>Sayornis saya</i>	♀ ad.	do	do	191	319	105	86	15.5	21	16
9940		"	♂ ad.	do	do	196	330	108	88	15	22	18
9941		<i>Sialia arctica</i>	♂ ad.	do	do	185	357	121	75	12	25	22.5
9942		<i>Poocaetes gramineus confinis</i>	♀	do	do	156	260	84	71	10.5	23	19
9943		<i>Lanius ludovicianus excubitorides</i>	♂ ad.	do	do	227	318	103	108	15	30	23
9944		<i>Polioptila melanura</i>	♀ ad.	do	do	118	148	48	56	9	17	12
9945		<i>Oroscoptes montanus</i>	♂ ad.	Dec. 11, 1893	do	221	318	101	95	14	33	25
9946		<i>Corvus corax sinuata</i>	♀ ad.	do	do	630	13.35	432	269	68	68	65
9947		<i>Mimus polyglottos</i>	♂ ad.	do	do	265	382	122	132	18	37	28
9948		<i>Phainopepla nitens</i>	♂ ad.	Dec. 12, 1893.	do	199	280	92	100	10.5	17	19
9949		<i>Oroscoptes montanus</i>	♂	do	do	223	324	103	100	17	32	23
9950		<i>Sialia arctica</i>	♂	do	do	187	335	115	78	12	22	19
9951		"	♂	do	do	185	348	118	75	13	23	19
9952		<i>Aquila chrysaetos</i>	♂ ad.	Dec. 13, 1893.	Buenos Ayres	835	2006	614	377	52	107	99
9953		<i>Cathartes aura</i>	♀ ad.	do	do	685	—	548	310	25	66	93
9954		<i>Oroscoptes montanus</i>	♀	do	do	220	322	104	99	17	30	24
9955		"	♂	do	do	229	324	104	97	17	33	26
9956		<i>Dryobates scalaris bairdi</i>	♀ ad.	do	do	184	325	108	75	20	18	18
9957		<i>Sturnella magna mexicana</i>	♂? ad.	Dec. 14, 1893.	do	260	415	130	86	33	38	32
9958		<i>Sialia arctica</i>	♀ ad.	do	do	170	340	118	72	13	24	20
9959		<i>Harporhynchus crissalis</i>	♂ ad.	do	do	314	333	107	157	39	35	29
9960		<i>Sturnella magna mexicana</i>	?	Dec. 15, 1893	do	260	426	130	86	31.5	39.5	34
9961		<i>Helodytes brunneicapillus</i>	♂	do	do	220	293	92	91	22	28	26
9962		<i>Dryobates scalaris bairdi</i>	♀ ad.	do	do	180	326	103	72	19	16.7	19

Museum No	Collector's No.	Name	Sex and Age	Date
9963		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	Dec. 15, 1893.
9964		" "	♂	do
9965		<i>Chondestes grammacus strigatus</i>	♀	do
9966		<i>Sialia arctica</i>	♀ ad.	do
9967		<i>Harporhynchus bendirei</i>	♂	do
9968		<i>Falco mexicanus</i>	♀ ad.	do
9969		<i>Egialitis montana</i>	♀ ad.	do
9970		" "	♀ ad.	do
9971		" "	♀ ad.	do
9972		" "	♀ ad.	do
9973		" "	♀ ad.	do
9974		<i>Otocoris alpestris arenicola</i>	♀ ad.	do
9975		<i>Pipilo fuscus mesoleucus</i>	♀ im.	Dec. 16, 1893.
9976		<i>Harporhynchus crissalis</i>	♂ ad.	do
9977		<i>Callipepla gambeli</i>	♂ ad.	do
9978		<i>Melanerpes uropygialis</i>	♂ ad.	do
9979		<i>Calamospiza melanocorys</i>	♀ ad.	Dec. 17, 1893.
9980		" "	♀ ad.	do
9981		" "	♂ ad.	do
9982		" "	♂ ad.	do
9983		<i>Sialia arctica</i>	♂ ad.	do
9984		<i>Helodytes brunneicapillus</i>	♂ ad.	do
9985		<i>Nyctala acadica</i>	♀ ad.	do
9986		<i>Mimus polyglottos</i>	♂ ad.	Dec. 18, 1893.
9987		<i>Sialia arctica</i>	♂ ad.	do
9988		" "	♂ ad.	do
9989		" "	♀ ad.	do
9990		<i>Melanerpes uropygialis</i>	♀ ad.	do
9991		<i>Calcarinus ornatus</i>	♂ ad.	do
9992		" "	♂ ad.	do
9993		" "	♂ ad.	do
9994		" "	♂ ad.	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	17	Middle toe and claw
La Osa, Pina Co., Arizona. <sup>Buenos Ayres.</sup>	220	311	98	109	15.3	27	25	
La Osa, Sturgis Ranch, Pina Co., Ariz.	216	300	93	111	15	25.5	25	
do	172	275	86	76	13	20	20	
do	188	355	117	77	12.2	22	21	
do	273	350	112	128	23.5	33	31	5
do	483	1100	350	213	22	63	65	6
Buenos Ayres, Pina Co., Arizona.	227	486	155	65	20	40	24	
do	225	474	148	69	20	39	21	
do	249	502	161	77	22	40	24	
do	246	485	147	77	22	40	24	
do	240	434	155	71	22	39	24	
do								
La Osa, Sturgis Ranch, Pina County, Arizona. <sup>N.M.</sup>	306	326	102	143	36	34	30	
do	300	380	118	112	11	33.5	38	
do	261	440	137	95	29	21.5	29	
do								
do	177	276	87	75	15	25	22	
do	183	298	93	78	14.5	23.3	23.5	
do								
do	195	364	123	83	14.8	23	22	
do	211	283	89	85	23	27	25	
do	214	480	148	80	11	24	—	
do	276	380	122	140	18	35	29	7
do	190	360	122	82	12.5	29	21	
do								
do	185	337	114	73	13	21.5	21.2	
do	248	430	132	93	27.5	22.8	27	
Buenos Ayres, Pina Co., Arizona.	157	277	89	66	10.8	27	19.7	
do	153	271	84	61	10.9	20.3	19.3	
do	152	275	87	64	10.4	19.5	19	
do	156	281	89	63	10	20	19.7	



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Wing	Alar Expanse	Tail	Culmen	Tarsus	175 toe	
9995		<i>Calcarurus ornatus</i>	♂ ad.	Dec. 18, 1893.	Buenos Ayres, Pima Co., Ariz.	154	272	85	63	10	20.5	19.5
9996		"	♀	do	do	145	261	81	58	10.5	18	18
9997		"	♀	do	do	145	259	81	59	10.3	19	20
9998		"	♀	do	do	155	277	87	61	10.8	21.3	20
9999		"	♀	do	do	149	268	85	59	11	19.8	19
10000		"	♀	do	do	139	249	78	54	10.5	18	18
10001		"	♀	do	do	148	262	83	59	10.2	19.2	19
10002		<i>Rhynchophanes meadowii</i>	♀ ad.	do	do	150	275	85	55	11.5	19	18.2
10003		<i>Otocoris alpestris arenicola</i>	♀ ad.	do	do	167	308	97	69	11	20	19.5
10004		<i>Sturnella magna neglecta</i>	♂ ad.	do	do	271	430	132	90	33.5	39	35
10005		<i>Scolecophagus cyanocephalus</i>	♀ ad.	do	do	233	376	120	95	20	32	27.5
10006		<i>E. gialitis vocifera</i>	♂ ad.	do	do	252	500	162	102	19	35	26
10007		<i>E. gialitis montana</i>	♂ ad.	do	do	243	505	154	73	23	43	24.5
10008		"	♂ ad.	do	do	247	510	162	79	21	44	26
10009		<i>Tringa minutilla</i>	♀ ad.	do	do	148	289	90	41	18	19	19.5
10010		"	♀ ad.	do	do	156	300	92	47	19	19	19
10011		"	♂	do	do							
10012		"	♀	do	do							
10013		"	♂ ad.	do	do	149	282	89	44	17	19	19.5
10014		"	♂	do	do							
10015		"	♀	do	do							
10016		"	♂ ad.	do	do	146	282	88	43	15.7	20	20.3
10017		"	♀ ad.	do	do	152	295	93	43	18	19.3	19
10018		<i>Sialia arctica</i>	♂ ad.	Dec. 19, 1893.	La Osa, Pima Co., Arizona.	195	366	124	84	13	22	22
10019		"	♀ ad.	Dec. 21, 1893.	do							
10020		"	♀ ad.	do	do	171	332	112	72	12	21	20
10021		<i>Helodytes brunneicapillus</i>	♂ ad.	do	do	223	294	95	90	23	32	25
10022		<i>Sialia arctica</i>	♂ ad.	Dec. 22, 1893.	do	189	361	121	81	13	22	20
10023		"	♀ ad.	do	do	187	345	104	72	13.5	23	21.7
10024		<i>Oryzobates scalaris bairdi</i>	♂ ad.	do	do	185	340	108	67	21.5	20	19.3
10025		<i>Sturnella magna mexicana</i>	♀ ad.	do	do	246	393	123	80	30	39	28
10026		<i>Phainopepla nitens</i>	♀ ad.	do	do	199	293	91	93	11	20	17.5

MUSEUM No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	MIDDLE TOE
	10027	<i>Calamospiza melanocorys</i>	♀ ad.	Dec. 22, 1893.	La Osa, Pima Co., Ariz.	173	277	75	71	14	26	22
	10028	<i>Mimus polyglottos</i>	♀ ad.	do	do	252	356	113	124	17	32	31
	10029	<i>Asio wilsonianus</i>	♂ ad.	do	do	350	950	299	155	19	41	42
	10030	"	♂ ad.	do	do	357	950	293	165	17	41	40
	10031	<i>Helodytes brunneicapillus</i>	♀ ad.	Dec. 24, 1893.	do	215	282	89	93	20.5	26	25
	10032	<i>Pipilo fuscus maculatus</i>	♀ ad.	do	do	218	291	88	106	14	26	26
132676	10033	<i>Callipepla gambelii</i>	♂ ad.	Dec. 26, 1893.	do	288	382	116	107	11	32	35
132679	10034	"	♂ ad.	do	do	284	383	118	111	11	32.5	35.5
	10035	<i>Oryzopsis scalaris bairdi</i>	♀ ad.	Dec. 28, 1893.	Sturges's Well, 2 miles west of Poso Verde, Pima Co., Arizona.	183	335	103	70	20.5	17	18.5
	10036	<i>Melanerpes uropygialis</i>	♀ ad.	Dec. 29, 1893	Papago Village, west of Sabaree's Ranch, Pima Co., Arizona.	240	420	131	93	25	23	27
	10037	<i>Phainopepla nitens</i>	♂ ad.	do	do	214	301	96	108	12	19	18.3
	10038	<i>Otocoris alpestris arenicola</i>	♂ ad.	do	do	173	320	103	73	21.5	18.5	18.5
	10039	<i>Spizella breweri</i>	♂ ad.	do	do	140	203	63	68	9.7	18	16
	10040	"	♀ ad.	do	do	138	204	63	66	9.6	18	16
	10041	<i>Falco sparverius deserticolus</i>	♂ ad.	do	Poso de Luis or Yaqui Lewis's Pima Co., Arizona.	266	560	184	131	11.7	38	32
	10042	<i>Colaptes chrysoides</i>	♀ ad.	Dec. 30, 1893.	do	308	497	155	113	38	29	32
	10043	<i>Harporhynchus curvirostris palmeri</i>	♀ ad.	do	do	300	373	120	137	30	—	31
	10044	<i>Colaptes chrysoides</i>	♀ ad.	do	do	300	482	150	112	34.5	28	31.5
	10045	<i>Melanerpes uropygialis</i>	♀ ad.	do	do	247	425	131	92	26	22.5	27
	10046	<i>Carpodacus difficilis</i>	♂ ad.	do	do	144	220	68	62	12	18	13.5
	10047	<i>Poliophtila plumbea</i>	♀ ad.	do	do	112	151	46	51	10	18.5	12
	10048	<i>Mimus polyglottos</i>	♂ ad.	do	do	265	372	119	130	18.3	33	29
	10049	<i>Callipepla gambelii</i>	♂ ad.	do	do	286	380	116	113	11.2	31	36
	10050	"	♂ ad.	do	do	285	377	118	115	11.2	31	35
	10051	"	♀ ad.	do	do	272	373	117	102	11	32.5	35
	10052	"	♀ ad.	do	do	288	386	120	109	11	33	36
	10053	"	♀ ad.	do	do	295	394	122	111	12	33	37
	10054	<i>Harporhynchus curvirostris palmeri</i>	♀ ad.	Dec. 31, 1893.	do	290	353	108	126	28	33	32
	10055	<i>Harporhynchus bendirei</i>	♀ ad.	do	do	275	361	112	120	25	34	32
	10056	<i>Auriparus flaviceps</i>	♂ ad.	Jan. 1, 1894	do	115	175	55	51	8.5	17	13
	10057	<i>Amphispiza bilineata</i>	♂ ad.	do	do							
	10058	"	♂ ad.	do	do							

Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle Toe & Claw
10058		<i>Amphispiza bilineata</i>	?	Jan. 1, 1894.	Poso de Luis, or Yaqui Lewis's, Pima Co., Arizona.							
10060		<i>Spizella breweri</i>	♂ ad.	do	do							
10061		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do	do							
10062		<i>Heleodytes brunneicapillus</i>	♂ ad.	do	do							
10063		<i>Callipepla gambelii</i>	♀ ad.	do	do							
10064		<i>Melanerpes uropygialis</i>	♀ ad.	Jan. 2, 1894.	do	253	421	131	92	28	25	26
10065		<i>Pipilo fuscus mesoleucus</i>	♂	Jan. 2, 1894.	do	229	314	93	15	15	27	25
10066		<i>Mimus polyglottos</i>	♂	do	do	266	360	116	128	17.5	33	26
10067		<i>Salpinctes obsoletus</i>	♂ ad.	do	do	153	234	95	58	17	22	18
10068		<i>Carpodacus mexicanus frontalis</i>	♀ ad.	do	do	150	250	78	61	10	18	19
10069		" " "	♂ ad.	Jan. 3, 1894.	do	154	248	80	67	11.2	17.5	18.5
10070		<i>Geolaptes chrysoides</i>	♀ ad.	Jan. 3, 1894.	do	304	470	151	112	39	28	30
10071		<i>Harporhynchus curvirostris palmeri</i>	♀ ad.	do	do	299	364	115	132	33	34	32.5
10072		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do	do	226	309	95	110	16	25.5	27
10073		<i>Polioptila melanura</i>	♂ ad.	do	do	120	160	52	54	10.5	16.5	12
10074		<i>Auriparus flaviceps</i>	♂ ad.	do	do	115	176	53	53	9	15.5	12
10075		<i>Parabuteo unicinctus harrisi</i>	♀ ad.	do	do	580	1230	373	270	26	94	67
10076		<i>Myiarchus cinerascens</i>	♂ ad.	Jan. 4, 1894.	do	220	322	102	99	17	25	17.5
10077		<i>Dryobates scalaris bairdi</i>	♀ ad.	Jan. 4, 1894.	do	177	223	105	67	18.5	21	19
10078		<i>Lanius ludovicianus</i>	♀ ad.	do	do	239	328	103	110	16	30	22
10079		<i>Melanerpes uropygialis</i>	♀ ad.	do	do	247	422	131	95	26	24	26
10080		<i>Geolaptes chrysoides</i>	♂ ad.	do	do	301	480	153	106	37	31	33
10081		" "	♂ ad.	do	do	303	485	151	100	37	31	33
10082		<i>Corvus corax sinuatus</i>	♀ ad.	Jan. 5, 1894.	do	590	1200	405	248	63	65	61
10083		" "	♂ ad.	Jan. 5, 1894.	do	615	1250	420	245	67	68	62
10084		<i>Heleodytes brunneicapillus</i>	♂ ad.	do	do	218	242	92	89	22	29	27
10085		<i>Numenius longirostris</i>	♂ ad.	Jan. 8, 1894.	Nea Nari's, Pima Co., Arizona.	572	975	276	118	148	87	49
10086		" "	♂ ad.	Jan. 8, 1894.	do	523	930	269	114	120	82	42
10087		" "	♂ ad.	do	do	553	962	277	114	136	80	45
10088		<i>Sturnella magna neglecta</i>	♂ ad.	do	do	275	428	130	88	35	40	38
10089		<i>Egialitis montana</i>	♀ ad.	Jan. 9, 1894.	Santa Rosa Mts., about 10 miles E. of Sonoyta, Sonora.	241	500	155	70	21	42.5	23
10090		" "	♀ ad.	do	do	237	485	149	70	22	39	23.5



Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe & claw
10091		<i>Egialitis montana</i>	♂ ad.	Jan. 9, 1894.	Santa Rosa Mts., about 10 miles east of Sonoyta, Sonora.	232	486	151	69	21	42.5	25
10092		"	♂ ad.	do	do	233	485	148	68	21.7	41.5	23.5
10093		<i>Polyborus cheriway</i>	♂ ad.	do	Sonoyta, Sonora.	589	1285	404	<del>240</del> 240	33	92	70
10094		<i>Spatula clypeata</i>	♂ ad.	Jan. 11, 1894.	do	473	760	225	91	64	39	42
10095		<i>Pyrocephalus rubinus mexicanus</i>	♂ ad.	do	do	153	268	84	64	12	16	14.5
10096		<i>Myiarchus cinerascens</i>	♂ ad.	do	do	225	336	106	104	18	22.5	20
10097		<i>Sayornis nigricans</i>	♂ ad.	Jan. 12, 1894.	do	183	296	91	83	15	19	16.5
10098		"	♂ ad.	do	do	190	291	93	87	15	18.5	16
10099		<i>Egialitis vocifera</i>	♂ ad.	do	do	263	517	166	106	22	37	25
10100		<i>Cyanocitta stelleri</i>	♂ ad.	do	do	310	468	150	140	27.5	24	32
10101		<i>Anthus pensilvanicus</i>	♂ ad.	do	do	167	273	87	68	12.2	22	18.6
10102		<i>Scothlypis trichas occidentalis</i>	♂ ad.	do	do	140	187	58	59	12	22	17.5
10103		<i>Troglodytes aëdon aztecus</i>	♂ ad.	do	do	129	175	54	53	12	18	15
10104		<i>Polioptila plumbea</i>	♂ ad.	do	do	116	154	48	56	10	17.7	11.7
10105		"	♂ ad.	do	do	112	146	45	51	9.7	17.5	11.8
10106		<i>Sayornis nigricans</i>	♂ ad.	do	do	193	302	94	87	14.7	20	16
10107		<i>Melospiza fasciata fallax</i>	♂ ad.	do	do	167	220	68	77	12	21.5	22
10108		<i>Oroscoptes montanus</i>	♂ ad.	do	do	232	316	102	103	18	30	25
10109		<i>Agelaius phoeniceus sonoriensis</i>	♂ ad.	do	do	198	330	104	81	18	25	26
10110		"	♂ ad.	do	do	213	358	115	89	20.3	28.5	26.5
10111		"	♂ ad.	do	do	202	334	108	86	19	27	26
10112		"	♂ ad.	do	do	<del>212</del> 212	<del>339</del> 339	<del>110</del> 110	<del>86</del> 86	<del>20</del> 20	<del>27.5</del> 27.5	<del>29</del> 29
10113		"	♂ ad.	do	do	212	339	110	86	20	27.5	29
10114		"	♂ ad.	do	do							
10115		<i>Anas carolinensis</i>	♂ ad.	do	do	353	575	171	76	35	31	38
10116		"	♂ ad.	do	do	405	620	196	90	40.5	34	44
132680 10117		<i>Callipepla gambelii</i>	♂ imm.	do	do							
10118		<i>Scireus hudsonius</i>	♂ juv.	do	do							
10119		<i>Pipilo chlorurus</i>	♂ ad.	Jan. 13, 1894.	do	192	267	73	95	12.7	24	25
10120		<i>Myiarchus cinerascens</i>	♂ ad.	do	do	221	327	105	102	18	24	19
10121		<i>Harporhynchus curvirostris palmari</i>	♂ ad.	do	do	284	354	110	124	30.5	32	31.5
10122		<i>Glaucidium phalaenoides</i>	♂ ad.	do	do	181	370	104	76	23	23	25.5

Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar Expanse	Wing	Tail	Culmen	Tarsus	Middle Toe	Retr. toe
10123		<i>Melospiza lincolni</i>	♂ ad.	Jan. 13, 1894.	Donayta, Sonora.	142	209	66	60	10.5	20	18.5	
10124		<i>Sialia arctica</i>	♂ ad.	do	do								
10125		" "	♀ ad.	do	do	186	344	115	73	12.5	24	21.5	
10126		<i>Polioptila plumbea</i>	♂	do	do	113	151	48	52.5	9.5	17	12	
10127		<i>Anas americana</i>	♂ ad.	do	do	517	890	265	120	46	43	56	
10128		<i>Harporthynchus curirostris palmeri</i>	♂ ad.	do	do	293	350	110	133	30	32	30	
10129		" " "	♀ ad.	do	do	294	358	108	125	30	35	33	
10130		" " "	♂ ad.	do	do	303	370	114	134	32.5	35	32	
10131		" " "	♀ ad.	do	do	295	358	112	131	31	33	30	
10132		<i>Harporthynchus crissalis</i>	♂ ad.	do	do	316	334	105	154	35.5	33	30	
10133		<i>Regulus calendula</i>	♂ ad.	do	do	115	175	60	48	—	18	13	
10134		<i>Melospiza fasciata fallax</i>	♀ ad.	do	do	152	201	61	68	12	21	20	
10135		<i>Amphispiza belli</i>	♀ ad.	do	do	160	229	73	73	11	20.5	18	
10136		<i>Melanerpes uropygialis</i>	♂ ad.	do	do	255	437	138	97	29.5	22.5	28	
10137		" "	♀ ad.	do	do	253	437	135	94	26	22	28.5	
10138		<i>Nyctobates scalaris bairdi</i>	♂ ad.	do	do	187	327	103	69	23	17	19	
10139		<i>Callipepla gambelii</i>	♂ ad.	do	do	283	375	121	113	12	31	35	
10140		<i>Carpodacus mexicanus frontalis</i>	♂ ad.	do	do	153	248	77	63	11	16	17.5	
10141		<i>Troglodytes aedon aztecus</i>	♂ ad.	do	do	125	170	51	50	14	18	16	
10142		<i>Custothorus palustris palaudicola</i>	♂ ad.	Jan. 14, 1894	do	138	185	58	53	15	20	17	
10143		<i>Polioptila plumbea</i>	♂ ad.	do	do	119	159	48	53	10.3	18.5	12	
10144		<i>Auriparus flaviceps</i>	♀ ad.	do	do	112	174	52	52	8.5	16	13.7	
10145		<i>Dendroica auduboni</i>	♀ ad.	do	do	140	223	72	58	11	19	16.5	
10146		<i>Phainopepla nitens</i>	♂ ad.	do	do	201	293	93	99	10	18.5	19	
10147		<i>Merula migratoria propinqua</i>	♂ ad.	do	do	263	430	140	111	19.5	33	30	
10148		<i>Sayornis nigricans</i>	♂ ad.	do	do	189	302	95	87	16	18.5	16.5	
10149		<i>Sayornis saya</i>	♂ ad.	do	do	199	335	107	87	15	22	17.5	
10150		<i>Pyrocephalus rubinus mexicanus</i>	♀ ad.	do	do	150	260	81	66	12	16	14.5	
10151		<i>Pipilo fuscus mesoleucus</i>	♀ ad.	do	do	236	318	103	120	15	26.5	26.5	
10152		<i>Ammodramus sandwicensis alaudinus</i>	♂ ad.	do	do	147	243	76	60	11.5	21	20	
10153		<i>Melospiza fasciata montana</i>	♀ ad.	do	do	163	217	68	73	12	22	21	
10154		<i>Melospiza fasciata fallax</i>	♂ ad.	do	do	164	215	66	77	12	22	21	

Museum No.	Collector's No.	Name	Sex & age	Date	Locality	Length	Alar Expanse	Wing	Tail	Culmen	Tarsus	Middle toe & claw	Weight
	10155	<i>Melospiza fasciata fallax</i>	♀ ad.	Jan. 14, 1894	Sonoyta, Sonora.	157	205	62	68	12	21.5	20.5	1
	10156	<i>Pipilo chlorurus</i>	♀	Jan. 15, 1894	do								2
	10157	<i>Ammodramus sandwichensis alaundinus</i>	♂ ad.	do	Sonoyta River, Sonora, Mex.	146	242	77	57	10.5	22	19.5	1
	10158	<i>Corvus corax sinuatus</i>	♀ ad.	do	do	620	1270	418	260	69	68	65	8
	10159	<i>Buteo borealis calurus</i>	♀ ad.	do	do	570	1380	430	253	28	90	70	5
	10160	" " "	♂ ad.	do	Santo Domingo, Sonora.	560	1310	405	240	28	88	65	6
	10161	<i>Falco mexicanus</i>	♀ ad.	do	do	560	1103	354	220	23.7	63	67	1
	10162	<i>Coliipepla gambelii</i>	♂ ad.	do	do	288	385	121	108	11.3	33	36	1
	10163	<i>Pipilo chlorurus</i>	♂ ad.	do	Sonoyta, Sonora.	195	259	82	91	13.5	23	24	1
	10164	<i>Pyrocephalus rubinus mexicanus</i>	♂ ad.	do	do	156	275	85	67	12	17	16	
	10165	<i>Chondestes grammacus strigatus</i>	♀ ad.	do	Santo Domingo, Sonora.	170	274	87	73	14	20.5	20.5	
	10166	" " "	♀ ad.	do	do	172	271	85	76	13.3	21.3	21	1
	10167	" " "	♀ ad.	do	do	177	277	88	74	13.5	20	20	2
	10168	<i>Pyrocephalus rubinus mexicanus</i>	♂ ad.	Jan. 16, 1894.	Sonoyta, Sonora.	154	273	86	66	13	17	15.5	
	10169	<i>Anas carolinensis</i>	♂ ad.	do	do	382	618	187	85	38.5	33.5	43	
	10170	" " "	♂ ad.	do	do	<del>382</del> 614	<del>185</del> 185	<del>87</del> 87	36	32.5	43	<del>38</del>	
	10171	" " "	♂ ad.	do	do	366	615	190	84	36	33	43.5	
	<del>10172</del>	<i>Melanerpes uropygialis</i>	♀ ad.	do	do	241	420	129	93	27.5	22	27	
	10173	<i>Sayornis saya</i>	♂ ad.	do	do	200	343	111	91	14.4	21	18	
	10174	<i>Helodytes brunneicapillus</i>	♀ ad.	do	do	210	276	87	85	22	27	23.7	
	10175	<i>Pipilo maculatus</i>	♂ ad.	do	do	220	283	90	109	14.5	28	29	5
	10176	<i>Harporhynchus curvirostris palmeri</i>	♀ ad.	Jan. 17, 1894.	do	<del>277</del> 336	105	125	29.5	30	30		
	10177	<i>Colaptes cafer</i>	♀ ad.	do	do	336	540	170	128	38	30	34	
	10178	<i>Pipilo chlorurus</i>	♂ ad.	do	do	197	268	83	98	13.5	25	26	4
	10179	<i>Anas carolinensis</i>	♀ ad.	do	do	365	595	179	83	36	33	43	5
	10180	<i>Harporhynchus curvirostris palmeri</i>	♂ ad.	do	do	298	365	113	133	32	34	34	5
	10181	<i>Spizella breweri</i>	♀ ad.	do	do	139	201	63	67	9	18	17	
	10182	<i>Auriparus flaviceps</i>	♂ ad.	do	do	114	177	53	52	8	16	13	
	10183	<i>Parabuteo unicinctus harrisi</i>	♀ ad.	do	do	576	1255	385	287	28	91	70	
	10184	<i>Colaptes chrysoides</i>	♂ ad.	do	do	291	465	142	101	38	30	33	
	10185	<i>Falco sparverius deserticolus</i>	♂ ad.	do	do	260	540	176	127	13	35	31	
	10186	<i>Dafila acuta</i>	♀ ad.	Jan. 18, 1894.	do	546	857	247	140	47	43	56	



Museum No.	Collector's No.	Name	Sex & age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	1st Middle toe to claw	1st toe
10187	10187	<i>Sturnella magna neglecta</i>	♂ ad.	Jan. 18, 1894.	Donoyta, Sonora.	261	422	130	86	35	39	36	9
10188		<i>Sayornis saya</i>	♂ ad.	do	do	203	338	107	90	15.5	21	17	2
10189		<i>Oafila acuta</i>	♀ ad.	Jan. 19, 1894	do	550	865	253	138	48	44	55	1
10190		<i>Sturnella magna neglecta</i>	♂ ad.	do	do	255	417	180	85	34	39	32	8
10191		<i>Leococcyx californianus</i>	♂ ad.	do	do	585	548	175	305	54	61	42	5
10192		<i>Egialitis vocifera</i>	♀ ad.	do	do	260	525	172	105	21	36	23	6
10193		<i>Colaptes chrysoides</i>	♀ ad.	do	do	300	474	145	107	38	28	29	1
10194		<i>Callipepla gambelii</i>	♀ ad.	do	do	280	375	116	106	11	31	35	7
10195		<i>Oroscoptes montanus</i>	♂ ad.	do	do	233	323	103	101	18	31	25	4
10196		<i>Oxybates scalaris bairdi</i>	♀ ad.	do	do	184	327	104	72	20	17	18	
10197		<i>Salpinctes obsoletus</i>	♀ ad.	do	do	148	229	70	54	18	21.5	18	5
10198		<i>Auriparus flaviceps</i>	♀ ad.	do	do	113	173	54	52	9	16	13	2
10199		<i>Zonotrichia leucophrys intermedia</i>	♀ juv.	do	do								2
10200		<i>Amphispiza bilineata</i>	♀ ad.	do	do	141	208	65	66	11.5	19	17	5
10201		<i>Spizella breweri</i>	♂ ad.	do	do	139	200	61	64	9	17	16.5	
10202		<i>Gallinago delicata</i>	♀ ad.	do	do	297	455	142	67	70	35	40	
10203		" "	♂ ad.	do	do	276	436	135	67	64	29	34	
10204		" "	♂ ad.	Jan. 20, 1894.	do	278	452	137	65	67	35	38	
10205		<i>Pipilo fuscus mesoleucus</i>	♀ ad.	do	do								2
10206		<i>Zonotrichia leucophrys intermedia</i>	♀ ad.	do	do	169	237	75	74	11.2	21.5	22	2
10207		<i>Harporhynchus curvirostris palmeri</i>	♂ ad.	do	do	305	377	116	134	33	36	34	5
10208		" "	♀ ad.	do	do	285	356	111	126	31	33.5	31	2
10209		<i>Scolecophagus cyanocephalus</i>	♂ ad.	do	do	250	404	131	106	21	33	28	
10210		<i>Merula migratoria propinqua</i>	♂ ad.	Jan. 21, 1894	do	264	411	142	108	19.5	33	29	4
10211		<i>Aeronautes melanoleucus</i>	♂ ad.	do	do	152	340	139	60	5.8	9	10	5
10212		" "	♂ ad.	do	do	152	327	138	60	6	9.2	10.3	5
10213		" "	♀ ad.	do	do	160	340	140	61	6	9	12	5
10214		<i>Zonotrichia leucophrys intermedia</i>	♀ juv.	Jan. 22, 1894	do								
10215		<i>Polioptila plumbea</i>	♂ ad.	do	do	118							
10216		<i>Troglodytes aëdon aztecus</i>	♀ ad.	do	do	130	175	53	52	12.8	17	16.7	2
10217		" "	♂ ad.	do	do	124	171	52	48	13.4	17	16	
10218		<i>Salco sparrowius deserticolus</i>	♀ ad.	do	do	267	583	190	131	13	39	32	

Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar Expanse	Wing	Tail	Culmen	Tarsus	Middle toe & claw	Id. w.
	10219	<i>Pipilo chlorurus</i>	♀ ad.	Jan. 22, 1894	Sonoyta, Sonora.	192	252	78	92	12	24	23	9
	10220	" "	♀ ad.	Jan. 23, 1894	do	188	250	78	91	13.2	25	22.5	2
	10221	<i>Zonotrichia leucophrys intermedia</i>	♀ juv.	do	do								1
	10222	<i>Buteo borealis calurus</i>	♀ ad.	Jan. 25, 1894	Quito Bagueta, Pima Co., Ariz.	575	1380	420	275	29	92	70	.8
	10223	<i>Callipepla gambelii</i>	♀ ad.	Jan. 26, 1894	do	282	376	115	107	11	31	35	.5
	10224	<i>Carpodacus mexicanus frontalis</i>	♀ ad.	do	do	150	244	77	60	11	19	18.5	6
	10225	" "	♂ im.	do	do								8
	10226	<i>Anas carolinensis</i>	♂ ad.	Jan. 28, 1894	do	380	612	187	88	38	32	42	9
	10227	<i>Merula migratoria propinqua</i>	♀ ad.	do	do	265	420	136	97	21.5	35	29	4
	10228	<i>Lanius ludovicianus excubitorides</i>	♀ ad.	do	do	238	328	103	106	16.3	27	23	
	10229	<i>Melanerpes uropygialis</i>	♀ ad.	Jan. 29, 1894	do	242	425	131	92	25	25	28	.5
	10230	<i>Gallinago delicata</i>	♀ ad.	do	do	290	446	137	68	67	31	36	0
	10231	<i>Melanerpes uropygialis</i>	♂ ad.	do	do	256	444	138	96	29.5	24.5	28	.2
	10232	<i>Harporhynchus</i>	♂ ad.	do	do	290	356	109	123	31.5	33.5	31	5
	10233	<i>Falco sparverius deserticolus</i>	♂ ad.	do	do	265	560	183	132	11	38	33	
	10234	<i>Troglodytes</i>	♂ ad.	Jan. 30, 1894	do	130	268	55	51	12	18	16	-
	10235	<i>Helodytes brunnicapillus</i>	♂ ad.	do	do	224	297	93	94	24	29	26.5	0
	10236	<i>Zonotrichia leucophrys intermedia</i>	♀ juv.	do	do								4
	10237	<i>Oreoscoptes montanus</i>	♂	do	do	225	320	101	105	18	29	24.5	0
	10238	" "	♀	Jan. 31, 1894	do	221	310	97	96	17	30.5	23.5	0
	10239	<i>Zonotrichia leucophrys intermedia</i>	♀	do	do								.5
288177	10240	<del><i>Polioptila plumbea</i> (crown black)</del>	♀ ad.	do	do	Preserved in alcohol. No. of metal tag, 19							
	10241	<del><i>Helodytes brunnicapillus</i></del>	♂ ad.	do	do	209	280	86	85	22	29	25	0
	10242	<i>Polioptila plumbea</i> (crown black)	♂ ad.	do	do								5.4
	10243	<i>Sturnella magna neglecta</i>	♀ ad.	Febr. 1, 1894	do	238	380	116	78	31	36	33	.5
	10244	<i>Harporhynchus</i>	♂ ad.	do	do	297	360	112	131	29	35	33	.5
	10245	<i>Colaptes chrysoides</i>	♀ ad.	do	do	298	481	150	106	35	26	31	.5
	10246	<i>Melanerpes uropygialis</i>	♂ ad.	do	do	272	456	139	99	32	24	30	
	10247	<i>Phainopepla nitens</i>	♂ ad.	do	do	202	298	96	102	10	17	17	
	10248	<i>Sayornis nigricans</i>	♂ ad.	do	do	201	311	100	91	13	20	16	0
	10249	<i>Salpinctes obsoletus</i>	♂ ad.	do	do	152	235	74	50	18.5	20	19	.6
	10250	<i>Egialitis vocifera</i>	♀ ad.	Feb. 2, 1894	do	260	530	171	105	20.5	38	26	7

Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe & claw
10251		<i>Mimus polyglottos</i>	♂ ad.	Febr. 2, 1894.	Quinto Baquita, Pima Co., Arizona.	273	377	124	135	17.5	32	29
10252		<i>Colaptes chrysoides</i>	♂ ad.	do	do	300	475	149	109	37	27	32
10253		<i>Zonotrichia leucophrys intermedia</i>	♀ ad.	do	do	166	239	75	72	12	22	21
10254		<i>Poliophtila plumbea</i> (crown blue)	♂ ad.	do	do	115	151	49	54	9.5	16.5	11.8
10255		<i>Heleodytes brunneicapillus</i>	♂ ad.	Febr. 3, 1894.	do	220	302	92	94	24	30	26.5
10256		<i>Spizella breweri</i>	♂ ad.	do	do	140	203	63	65	10	17	16.6
10257		<i>Accipiter velox</i>	♂ ad.	do	do	287	580	187	160	10	49	38
10258		<i>Harporhynchus crissalis</i>	♀ ad.	do	do	303	325	100	142	33	31	29
10259		<i>Zenaidura macroura</i>	♂ ad.	Febr. 4, 1894.	do	323	457	154	167	14	22	24
10260		<i>Ardea herodias</i>	♀ juv.	do	do							
10261		<i>Oroscoptes montanus</i>	♂ ad.	Febr. 5, 1894.	do	227	330	103	100	16.5	32	25
10262		<i>Cathartes aura</i>	♀ ad.	do	do	685	1770	525	300	26	64	90
10263		<i>Sayornis saya</i>	♂ ad.	do	do	200	341	108	91	14	21	17.2
10264		<i>Corvus corax sinuatus</i>	♂ ad.	Febr. 7, 1894.	do	630	1290	437	275	68	70	65
10265		<i>Numenius longirostris</i>	?	Febr. 9, 1894.	do	Head & neck preserved.						
10266		<i>Sialia arctica</i>	♂ ad.	Febr. 10, 1894.	Tule Wells, Yuma County, Ariz.	193	360	121	80	12.7	24	—
10267		<i>Corvus corax sinuatus</i>	♀ ad.	Febr. 11, 1894.	do	582	1240	412	240	64	64	60
10268		<i>Lanius ludovicianus excubitorides</i>	♀ ad.	Febr. 12, 1894.	do	224	320	98	98	15.2	26.3	24
10269		<i>Mimus polyglottos</i>	♀ ad.	do	do	275	380	121	137	16	33	30
10270		<i>Phainopepla nitens</i>	♂ ad.	do	do	214	303	97	104	10.3	19	20
10271		<i>Amphispiza belli nevadensis</i>	♀ ad.	Febr. 13, 1894.	do	167	243	77	77	11	21.5	18.5
10272		" "	♀ ad.	do	do	164	238	76	75	11	21.5	19
10273		<i>Merula migratoria propinqua</i>	♂ ad.	Febr. 16, 1894.	Senaju Alta.	266	440	144	113	21	35.5	30
10274		<i>Melanerpes uropygialis</i>	♀ ad.	do	do	240	417	129	93	26	22	25.4
10275		<i>Sialia mexicana bairdi</i>	♂ ad.	do	do	175	224	111	72	11.7	19	19.5
10276		<i>Phainopepla nitens</i>	♂ ad.	do	do	206	297	94	100	11.2	19	18.5
10277		<i>Helminthophila celata lutescens</i>	♂ ad.	do	do	128	192	63	52	11	18	15
10278		<i>Calyptra costae</i>	♂ ad.	do	do	90	113	44	25	17		
10279		" "	♀ ad.	do	do	96	117	47	28	18.3		
10280		<i>Corvus corax sinuatus</i>	♂ ad.	Febr. 18, 1894.	do	608	1325	440	263	68	70	60
10281		<i>Sayornis saya</i>	♀ ad.	do	do	187	316	104	<del>185</del> 85	13.5	19	16
10282		<i>Amphispiza bilineata</i>	? ad.	Febr. 19, 1894.	do	148	220	68	68	11.5	19	17



Museum No.	Collector's No.	Name	Sex + age	Date	Locality	Length	alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe + claw
10283		<i>Zonotrichia leucophrys intermedia</i>	♂ juv.	Feb. 19, 1894.	Tenapi Alta.							
10284		<i>Lanius ludovicianus excubitorides</i>	♂ ad.	Feb. 20, 1894.	do	235	325	102	104	17	27	23
10285		<i>Oroscoptes montanus</i>	♂ ad.	do	do	229	327	102	162	16.5	31	25.5
10286		<i>Calypptae costae</i>	♂ ad.	do	do							
10287		" "	♂ ad.	do	do							
10288		<i>Regulus calendula</i>	♀ ad.	do	do							
10289		<i>Polioptila plumbea</i>	♀ ad.	do	do	113						
10290		<i>Auriparus flaviceps</i>	♂ ad.	do	do							
10291		<i>Corvus corax sinuatus</i>	♂ ad.	do	do	620	1295	430	258	68	67	65
10292		<i>Calypptae costae</i>	♂ ad.	Feb. 21, 1894.	do							
10293		<i>Egialitis vocifera</i>	♀ ad.	Feb. 25, 1894.	Adonde, Yuma Co., Arizona	263	520	170	105	19.5	34.5	26
10294		" "	♂ ad.	do	do	261	507	165	104	21	39	27
10295		<i>Tringa minutilla</i>	♀ ad.	do	do	149	287	90	43	17.5	20	20
10296		<i>Zonotrichia l. intermedia</i>	♀ juv.	do	do							
10297		" " "	♀ ad.	do	do	165	240	75	73	11	22.5	21
10298		<i>Polioptila plumbea</i>	♂	do	do							
10299		" "	♂ juv.	do	do							
10300		" "	♀ ad.	do	do							
10301		<i>Auriparus flaviceps</i>	♂ ad.	do	do	102	171	52	49	8	16	13.3
10302		<i>Lanius ludovicianus excubitorides</i>	♀ ad.	do	do	234	324	105	110	16	27	23
10303		<i>Harporhynchus crissalis</i>	♀ ad.	do	do	314	326	101	149	35	32.5	29
10304		<i>Helminthophila celata</i>	♂ ad.	do	do	131	197	62	52	11.5	19	16
10305		<i>Callipepla gambelii</i>	♂ ad.	Feb. 26, 1894.	do	293	373	118	111	11	34	37
10306		<i>Helodytes brunneicapillus</i>	♂ ad.	Feb. 27, 1894.	do	220	300	98	90	23	29	26
10307		<i>Pipilo alberti</i>	♀ ad.	do	do	235	290	97	117	17	28	28
10308		" "	♀ ad.	do	do	233	310	96	120	10	21	28
10309		<i>Amphispiza belli nevadensis</i>	♀ ad.	do	do	159	242	76	74	10.6	20.7	18
10310		" " "	♀ ad.	do	do	155	227	72	74	10	19	18
10311		<i>Empidonax griseus</i>	♂ ad.	do	do	152	242	74	65	12	18.4	13.5
10312		<i>Sayornis nigricans</i>	♂ ad.	Feb. 28, 1894.	do	193	308	97	86	15.5	20	16
10313		<i>Stelgidopteryx serripennis</i>	♂ ad.	do	do	141	325	120	58	7	10.4	14
10314		<i>Pipilo alberti</i>	♂ ad.	March 1, 1894	Like between Adonde & Lila City, Arizona	232	300	95	116	16	28	27

Museum No. Collector's No.

Name

Sex  
&  
age

Date

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle  
toe  
or  
claw

10315	<i>Podilymbus podiceps</i>	♀ ad.	Mar. 1, 1894
10316	<i>Fulica americana</i>	♂ ad.	do
10317	<i>Anas boschas</i>	♂ ad.	Mar. 2, 1894.
10318	<i>Anas carolinensis</i>	♀ ad.	do
10319	<i>Cathartes aura</i>	♀ ad.	do
10320	<i>Falco mexicanus</i>	♀ ad.	do
10321	<i>Sturnella</i>	♀ ad.	do
10322	"	♀ ad.	do
10323	<i>Auriparus flaviceps</i>	♂ ad.	do
10324	<i>Poliophtila plumbea</i>	♂ ad.	do
10325	" "	♂ ad.	do
10326	" "	♀ ad.	do
10327	" "	♀ ad.	do
10328	<i>Zonotrichia leucophrys intermedia</i>	♂ juv.	do
10329	<i>Amphispiza belli nevadensis</i>	♂ ad.	do
10330	<i>Pipilo alberti</i>	♂ ad.	do
10331	" "	♀ ad.	do
10332	" "	♂ ad.	do
10333	" "	♀ ad.	do
10334	<i>Zonotrichia leucophrys intermedia</i>	♂ juv.	Mar. 3, 1894.
10335	" "	♂ juv.	do
10336	<i>Lanius ludovicianus excubitorides</i>	♂ ad.	Mar. 4, 1894.
10337	<i>Anas boschas</i>	♀ ad.	Mar. 5, 1894.
10338	<i>Colaptes cafer</i>	♀ ad.	do
10339	<i>Myiarchus cinerascens</i>	♂ ad.	do
10340	<i>Geococcyx californianus</i>	♂ ad.	Mar. 10, 1894.
10341	<i>Oroscoptes montanus</i>	♂ ad.	do
10342	<i>Zonotrichia leucophrys intermedia</i>	♀ ad.	do
10343	<i>Pipilo alberti</i>	♀ ad.	do
10344	<i>Phainopepla nitens</i>	♂ ad.	do
10345	<i>Dendroica auduboni</i>	♂	do
10346	<i>Merula migratoria propinqua</i>	♀ ad.	do

Lakes between Adonde + Yila City, Arizona

do

Yila City, Yuma Co., Ariz.

do

do

do

do

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Yuma, Arizona

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do

325	550	127	48	20	40	60
403	720	205	66	45	62	88
570	925	270	106	57	47	62
382	613	183	86	37.5	32	42
640	1710	523	290	24	59	82
495	1135	363	223	25	62	66
239	388	118	74	33	37	35
235	390	120	73	30	36	31
112	173	52	51	9	17	13.5
117	151	46	54	9.7	17	12
115	156	47	55	10	18	12
120	150	47	55	9.7	17	11.5
114	149	46	52	9	17	11.5
157	233	74	73	10	20	19
237	302	97	125	16	29	28
229	288	88	114	16	28	27
241	308	97	124	16	28.5	27
565	895	265	76	53	44	62
345	555	173	137	40	30.5	34
222	330	102	99	20	23.5	19
375	525	173	309	50	62	43
222	312	100	95	18	32	24
166	241	76	75	11	24	22
211	271	89	110	15	28.5	27.5
217	308	102	108	10	18.3	19
147	240	78	63	10	18.3	16
267	418	130	110	21.5	33	31

193	Museum No.	Collector's No.	Name	Sex & age	Date	Locality	Length	Alar Expanse	Wing	Tail	Culmen	Tarsus	Middle toe + claw
	10347		<i>Falco mexicanus</i>	♂ ad.	Mar. 9, 1894.	Yuma, Yuma Co., Ariz.	410	945	310	187	19	55	58
	10348		<i>Sporotyto c. hypogea</i>	♀ ad.	do	do	—	—	—	—	—	—	—
	10349		<i>Pipilo aberti</i>	♀ ad.	Mar. 12, 1894.	do	229	281	88	110	16	28	26.5
	10350		<i>Parabuteo u. harrisi</i>	? ad.	Mar. 13, 1894.	do	<del>368</del>	—	—	—	—	—	—
	10351		<i>Ceryle alcyon</i>	♀ ad.	do	do	368	590	170	107	65	12	26.5
	10352		<i>Otocoris a.</i>	♂ ad.	do	do	173	328	104	71	13	21	17
	10353		<i>Melanerpes uropygialis</i>	♂ ad.	do	do	253	435	132	90	39	22.5	28
	10354		"	♂ ad.	do	do	260	433	133	95	31.5	21.2	27.5
	10355		<i>Corvus ossifragus</i>	♂ ad.	Mar. 14, 1894.	Mon. No. 204 at the Colorado River.	452	895	295	188	43	57	50
	10356		<i>Agelaius p. sonoriensis</i>	♀ ad.	do	do	198	332	105	76	19	26	28.7
	10357		"	♀ ad.	do	do	200	343	108	80	20	26	28
	10358		<i>Myiarchus cinerascens</i>	♂ ad.	Mar. 13, 1894.	Between Yuma and Monument 204.	222	333	103	100	17	23	19
	10359		<i>Poocaetes gr. confinis</i>	? ad.	do	do	162	259	80	68	11.8	20	20
	10360		<i>Junco hyemalis shufeldti</i>	♀ ad.	do	do	158	240	76	69	12.	20.5	20
	10361		<i>Pyrocephalus r. mexicanus</i>	♂ ad.	Mar. 14, 1894.	Mon. No. 204 at the Colorado River.	151	258	82	64	11.5	16.3	14
	10362		<i>Helminthophila luciae</i>	♂ ad.	do	do	117	187	58	47	9	16	13
	10363		<i>Melospiza f. fallax</i>	♂ ad.	do	do	158	217	65	73	12	21	21
	10364		"	♂ ad.	do	do	165	217	68	77	13	21.5	21.5
	10365		<i>Pipilo aberti</i>	♀ ad.	do	do	221	275	85	111	16	26.5	26
	10366		"	♂ ad.	do	do	238	295	92	118	17	28.5	28
	10367		<i>Sayornis nigricans</i>	♀ ad.	do	do	183	286	90	82	14	17.5	15
	10368		<i>Dryobates scalaris bairdi</i>	♀ ad.	do	do	182	325	100	68	20	18	17
	10369		<i>Regulus calendula</i>	♂ ad.	do	do	117	189	60	48	8	21	13
	10370		<i>Zonotrichia leucophrys intermedia</i>	—	Mar. 17, 1894	do	—	—	—	—	—	—	—
	10371		<i>Pipilo chlorurus</i>	♀ ad.	do	do	188	250	78	93	13	24	24
	10372		<i>Corvus corax sinuatus</i>	♀ ad.	do	do	570	1185	390	238	60	61	61
	10373		"	ad.	Mar. 18, 1894.	do	Preserved in alcohol. METAL TAG No. 74						
	10374		<i>Zonotrichia leucophrys intermedia</i>	juv.	do	do	do " " No. 75.						
	10375		<i>Sturnella neglecta</i>	♂ ad.	Mar. 19, 1894	do	253	410	126	82	35	40	34.5
	10376		<i>Dendrocygna fulva</i>	♂ ad.	do	Colorado River at Mon. No. 205.	480	885	225	75	47	57	81
	10377		<i>Tringa minutilla</i>	♀ ad.	do	do	147	285	88	41	19	18	18
	10378		"	♂ ad.	do	do	146	280	87	41	16	20	19.5



First Bird on Bound Survey No. 7566 Febr. 1, 1892  
 Last " " " " 10789 May 5, 1894  
 Total number on my register 3224 birds  
 " " " Holgren's " 1324 "

Total number of Birds collected 4448 May 5, 1896

First Mammal on Bound Survey No. 1412 February 3, 1892  
 Last " " " " 3506 May 5, 1894

Deducting skipped numbers, the whole number  
 on my register is --- 2069  
 Total Number Holgren's Register --- 446

Total number of mammals 2515  
 to May 6, 1894 -

El Paso, Texas Nos. 1412 - 1616  
 Entered in Holgren's Book " 1516 - 1710

Corner monument, 100 miles W. of El Paso. 1711 - 1768  
 Dog Spring, Grant Co., N. Mex 1768 - 1793  
 Mesquite Oaks, New Mexico 1794 - 1809  
 Big Hatched Mts. 1810 - 1818  
 Dog Springs, Grant Co., N. Mex 1819 - 1832  
 Lang's Ranch, Amnias Valley, 1833 - 1837  
 San Luis Mts. 1838 - 1839  
 Pecos Valley 1840 - 1842  
 Near White Water 1843  
 Dog Spring 1844  
 San Luis Mts 1845 - 1847  
 White Water 1848 - 1849  
 Dog Spring 1850 - 1869  
 White Water 1870 - 1890  
 East side of San Luis Mts 1891 -  
 White Water 1892 - 1896  
 East side San Luis Mts 1897 - 1921  
 Near White Water 1922  
 Lang's Ranch, Amnias Valley 1923 - 1930  
 (over)

White Water, Chihuahua, Mex	1931
Lang's Ranch	1932-1934
Cajon Bonita	1935-1938
Lang's Ranch	1939-1943
San Bernardino Ranch	1944-1945
Guadalupe Cañon	1946-1949
Lang's Ranch	1950-
<u>The following are missing numbers</u>	
West Side of San Luis Mountains	1951-1980
East " " " "	1981-2003
West " " " "	2004
Guadalupe Cañon	2005-2027
Lang's Ranch	2028-2029
Guadalupe Cañon	2030
San Bernardino Ranch	2031
Guadalupe Cañon	2032-2036
San Bernardino Ranch	2037
Johnston's Ranch 7 m. S. of Bisbee, Ariz.	2038-2106
Bisbee, Arizona	2106
Johnston's Ranch	2107
San Jose Mts.	2108
San Pedro River	2109-2114
Fort Clark, Texas	2115-2170
Hickahoa Springs, Mason Co., Texas	2171-2293
Fort Clark, Texas	2294-2296
Fort Hancock, Texas	2297-2337
Belen, El Paso Co., Texas	2338-2346
Fort Hancock, Texas	2346-2351
Yuma Desert (for Wheeler, see his letter)	2352-2414
Fort Clark, Texas	2415-2416
Guachuca Mts. & Mt. Huachuca	2417
San Pedro River at monument No.	2418-2426
Summit of Huachuca Mts.	2427-2437
San Jose Mts.	2438
San Bernardino Ranch	2439-2456
Hall's Ranch, Guadalupe Cañon	2456-2464
Lang's Ranch, Amman Valley	2465-2476
Cajon Bonita Creek	2477-2513
Oriz montana from Gila Mts, Ariz.	2514
Mesa (Hognest) " Nogales	2515-2487
White Water	2516
Plyas Valley	2517 (over)

Doq. Mts. & Dog Springs, Grant Co, N. Mex.	2518-2551
Monument 64 E. base San Luis Mts ..	2552
Plyas Valley	2553
Lange's Ranch, Arizuma Valley	2554-2565
Monument 111 on Aba Santa Cruz	2567-2572
Cienega, head of Bartolomeo Creek	2573
Journ of Santa Cruz Sonora	2574-2579
Grond's Ranch, Huachuca Mts	2580-2581
Fort Huachuca, Arizona	2582
Journ of Santa Cruz, Sonora	2583-2615
Crossing on Santa Cruz River near Mon. 118	2616-2619
Journ of Santa Cruz, Sonora	2620
Bucina Vista, Sonora	2621
Nagales, Arizona	2622-2629
Humacacori, Santa Cruz R.	2630-2643
20 miles South of Tucson, on Santa Cruz R.	2644-2647
Tucson, Arizona	2648-2653
Fort Lowell, "	2654-2655
Tucson, Arizona	2656-2657
Fort Lowell	2658
Tucson, Arizona	2659-2660
Santa Rita Mts.	2661
Santa Catalina "	2662-2663
Warsaw, Arizona	2664-2669
La Casa	2670-2746
Paso Verde	2747
Cobata	2748-2749
Paso de Luis	2750-2774
Honayta, Sonora, Mex	2775-2826
Antoraguito, Arizona	2827-2944
Agua Dulce, Sonora	2945
Jule Wells	2946-2965
Sanapia's Cillas, Gila Mts.	2966-3033
Adonde, Yuma Co, Arizona	3034-3068
Gila City, "	3069-3103
Yuma, Arizona	3104
Jule Wells,	3105
Yuma, Arizona	3106-3112
Monument 204, Lower Corner	3112-3156
" 200 Yuma Desert	3157-3159



Monument 204, Lower Corner	Nos	3160 - 3161
" 200 Yuma Desert	"	3162
" 204 Lower Corner		3163 - 3360
Well at Cienega, 30 m. S. of Monument 204		3361 - 3380
Mouth of Col. R., opposite to the mouth of Hardy R.		3381 - 3450
Corral, south of Colonia Diaz		3451
Colonia Diaz, Col. R., Sonora		3452 - 3456
San Carlos " " " " " "		3457 - 3462
Monument 204 " " " " " "		3463 - 3466
Yuma, San Diego Co., California		3467 - 3485
Lagoon of Col. R., 15 m. below Yuma		3486 - 3487
Cook's Wells, L. Cal.		3488
Seven Wells " " " " " "		3489 - 3490
Gardner's Lagoon " " " " " "		3491 - 3500
Unluck Lake, New R., L. Cal.		3501 - 3502
Lagoon Station " " " " " "		3503 - 35

*Hesperio gnat* number --- No. 73-9  
Mar 1, 1893  
at Ht. Forest "111 q  
Mar 16, 1893  
" Saguenay Station 1204 May 6, 1894

Date	No.	Species	Length	Alar expanse	Wing	Tail	Cul	Tarsus	Middle toe	Claw	Sex	Locality & remarks	
Feb	27	7650 Zonot. interm.	169	230	72	74	19.5	22	52	20	♂		
27	7651	Carpodacus mex.	154	254	82	69	10	19	19		♂ juv.		
27	7652	Corvus cor. hl.	525	1080	356	226	52	67	52		♂		
27	7653	Ardea herodias	see last page.										Rep. of Mexico
28	7654	Sialia mexicana									♂ ad.		
28	7655	"									♂ ad.		
28	7656	Regulus scalaris									♂ ad.		
28	7657	Geothlypis trichas									♂ juv.		
29	7658	Spizella breweri									♂ ad.		
29	7659	Chondestes mollis	204	433	147	88	6.5	18	21.5		♂ ad.		
March	2	7660 - c. c. - melagolensis	195	870	272	234	17.5	68	56		♀ ad.		
4	7661	Totanus	359	645	202	83	59	65	43		♂ ad.	Shipp. & March 11	
14	7662	Spizella s. arizonae	145	335	77	68	9.2	17	16		♂	Guarez, Mexico	
14	7663	"	150	337	78	68	9.2	17	16		♂	do	
14	7664	Aegialitis vociferus	243	504	163	72	19	34	25		♂	do	
	7665	"	240	500	160	70	19	34	25		♂	Stomach filled with campione insects	
10	7666	Condutor	174	270	189	73					♀	Mexican Boundary Line 15 miles W. of El Paso, Tex	
17	7667	Amphispiza bilineata	177	257	81	81					♂	do	
19	7668	Spizella breweri	141	206	66	67	9.3	18	16.5		♂	Near Monument of Mex Sept. 9, 1917. Long 100° 15' W. of Washington	
19	7669	Regulus calendula	116	190	62	49	8.5	19	13		♂	First seen this year - March 14, 11	
19	7670	Amella neglecta	261	436	131	86	37	40	34		♂	do	
19	7672	Geothlypis trichas	545	1300	400	225	24	88	62		♂	Stomach contained eggs of a fly	
20	7671	<del>Geothlypis trichas</del> <del>Ardea herodias</del>	240	620	180	70	14	45	30		♂	Stomach filled with campione	
20	7672	Ardea herodias	530	1230	400	255	19	83	54		♀	Stomach empty do	
20	7674	Amphispiza b. nevadensis	160	245	84	76	10.5	22	18		♂	do	
21	7675	Amella neglecta	228	366	112	67	30	38	35		♀	do	
21	7676	Callipepla squamata	270	385	120	89	12	31	33		♀	Foot. do	
21	7677	"	260	382	118	87	12	33	32		♂	do	
21	7678	Agelaius phoeniceus	199	344	113	91	17	21	18		♂	do	
21	7679	Spizella socialis	137	208	67	67	8.5	17	16		♂	do	
22	7680	Falco mexicanus	420	940	305	175	18.5	55	58		♂	Stomach empty. Mex.	
22	7681	Numenius longirostris	550	975	280	118	144	80	55		♂	do N. Mex.	
22	7682	Lyrurus montezumae	440	132	76	14	30	35	32		♂	do Mex	
22	7683	"	240	430	131	68	14	30	34		♂	do	
22	7684	"	225	410	127	64	12.5	27	33		♀	do	

Date	No.	Name.	Length	Alar ex.	Wing	Tail	Bill	Tarsus	middle toe w/ claw	Age	Locality & Remarks.	
23	7653	Spizella breweri	135	200	65	63	9	15.5	16	♀ ad	Mexico near 5th monument	
24	7654	Empidonax b. nevadensis	157	240	77	72	19	32	45	18.5	♀ ad. N. M.	
25	7657	Oroscoptes montanus	225	349	100	44	19	31	25	7	♀ ad. Wey.	
26	7658	Corvus cryptoleucus	513	1060	365	211	50	62	55	7	♀ ad N. M. in shot for tent.	
26	7659	Circus hudsonius	526	1240	403	276	18	82	54	7	♀ ad Mexico " Humaci	
27	7660	Anianus hirs	240	330	106	101	16.5	28	25	♂	Canaima Typus ariz.	
28	7691	Spizella breweri	114	205	67	70	9	17	18.5	♂	Mex. near 5th monument.	
28	7692	Bubo. subarcticus	490	1310	373	210	27	62	65	♂	do	
31	7693	Junco <sup>caneis</sup> <del>canis</del>	171	265	87	82	11	22	19	♂ ad	New Mexico near 5th monument	
31	7694	Mniotilta cinerea	225	340	110	105	18.5	23	19	♂ ad.	Mexico do	
31	7695	Pipilo chlorurus	189	252	80	89	13	24	25	♀ ad.	" do	
31	7696	Pipilo fuscus mesoleucus	209	297	95	102	14.7	25	25	♀ ad.	" do	
2	7697	Junco <sup>caneis</sup> <del>canis</del>	166	268	86	79	11.5	20	18	♂ ad.	" do	
2	7698	Procyon g. confinis	158	265	82	67	11	21	19	♀ ad	" do	
2	7699	Corvus cryptoleucus	513	1060	365	212	50	63	54	♀ ad.	" do	
2	7700	Lanius l. excubitorides	237	333	107	110	16.5	29	24	♂ ad.	" do	
2	7701	"	240	330	102	107	17	30	25	♂ ad.	" do	
3	7702	Chamaea melanocorys	168	275	86	66	12.5	21	21	♀ ad.	" do	
3	7703	Sayornis payi	207	350	111	91	14	20	19	♂ ad	" do	
5	7704	Falco s. deserticolus	267	580	146	136	12	36	31	♂ ad	N. M. do	
5	7705	Lanius l. excubitor	231	227	103	105	15	26	23	♀ ad.	do Caught at Dytodops north do	
5	7706	Empidonax b. nevad.	164	249	81	77	11.5	20	19	♀ ad.	do do	
5	7707	Sayornis payi	200	342	111	91	15.5	21	17	♂ ad.	do do	
6	7708	Oroscoptes montanus	225	318	104	97	18	30	26	♂ ad.	Mex. do	
6	7709	Junco <sup>caneis</sup> <del>canis</del>	166	262	87	77	11.5	21.5	19.5	♂ ad.	Mex. do	
7	7710	Spizella c. hypogaea	232	325	180	86	18	43	29	133	♀	Minibres Valley near Lake Palomus, Mex.
7	7711	Phrynosoma thymoides	225	415	137	94	25	21	22	71	♀	do
7	7712	Oroscoptes montanus	225	322	103	95	17	32	27	92	♂	do
7	7713	Junco <sup>caneis</sup> <del>canis</del>	161	241	78	73	11	21.5	18	♀	Lake Palomus, Mexico do	
7	7714	Macrorhamphus griseus	307	500	155	70	70	40	33	135	♀	do
7	7715	Macrorhamphus griseus	466	802	242	95	97	100	53	275	♀	do
7	7716	Macrorhamphus griseus	285	490	150	65	60	40	34	134	♂	do
7	7717	"	305	156	64	70	44	35	141	♀	do	
7	7718	"	288	470	144	65	40	34	135	♂	do	
7	7719	Stillt Sandpiper	221	415	58	36	39	30	119	♂	do	

No.	Date	Name.	Length	Alar ex.	Wing	Tail	Bill	Tarsus	Middle toe	Claw	Sex, age	Locality & Remarks.
7720	April	Silt Sandpiper	235	418	134	61	41	41	28	123	♂	Lake Palomus, Mexico
7721	"	"	229	417	132	59	38	39.5	28		♂	do
7722	"	"	227	410	131	57	39	41	27	122	♂	do
7723	"	Totanus melanoleucus	343	595	183	84	54	62	39	178	♂	do
7724	"	"	354	610	193	83	56	63	40	178	♀	do
7725	"	"	356	650	205	84	55	65	40	183	♀ ad.	do
7726	"	Gallinago delicata	276	440	140	65	63	34	38	127	♂ ad.	do
7727	"	Aegialitis vocifera	257	500	162	102	18	33	25	110	♀ ad.	do
7728	"	Cistothorus f. palmeri	138	180	56	53	14	20	17.5	44	♂ ad.	do
7729	"	Anthus pensilvanicus	170	275	87	70	13	23	18		♂ ad molting	do
7730	"	Tringa minutilla	150	288	90	43	17.5	17.5	20	70	♀ ad.	do
7731	"	<sup>Blk. j. minutilla</sup> <del>Bucphala</del> al. brola	385	625	<sup>180</sup> 480	95	28	33	57	15	♂ ad.	do
7732	"	Erismatura rubida	345	576	147	65	40	33	64	160	♀ ad.	do
7733	"	Aegialitis vocifera	268	530	173	109	20.5	37	28	124	♂ ad.	do
7734	"	Numenius	365	720	214	95	62	40	32.5	146	♀ ad.	do
7735	"	<sup>iris dark brown. cere, maxilla &amp; tongue dark yellow. bill yellowish.</sup> Falco femoralis	390	835	270	193	15.5	47.5	48		♂ ad.	3 near Palomus, shading to blue-black at tip. feet dusky; claws blue-black.
7736	"	Anas strepera	500	870	263	197	47	41	54		♀ ad.	Lake Palomus, Mexico
7737	"	Spatula clypeata	510	810	250	102	68	37	52		♂ ad.	do
7738	"	Anas strepera	551	922	276	109	47	46	58		♂ ad.	do
7739	"	"	535	905	275	105	45	43	61		♂ ad.	do
7740	"	Macrorhamphus griseus	285	470	147	68	39	34	133		♀ ad.	do
7741	"	"	308	506	155	68	73	39	37	140	♀ ad.	do
7742	"	"	282	478	148	61	68	39.5	35	132	♂ ad.	do
7743	"	Pipilo m. megalonyx	210	285	91	97	15	28	28		♀ ad.	do
7744	"	Orani.	755	1625	437	166	56	81	75	35	♂ ad.	do
7745	"	Fulica americana	395	720	210	60	34	62	94	257	♂ ad.	do
7746	"	Botaurus lentiginosus	705	1060	293	105	80	93	108		♂ ad.	do
7747	"	Circus hudsonius	510	1330	400	265	19	85	52		♀ ad.	do
7748	"	Tringa minutilla	<sup>144</sup> 145	<sup>287</sup> 286	<sup>88</sup> 293	<sup>40</sup> 40	<sup>17</sup> 17	<sup>19</sup> 19	<sup>20</sup> 20	<sup>70</sup> 70	♂ ad.	do
7749	"	"	149	287	90	42	18	20	20.5	73	♀ ad.	do
7750	"	"	152	292	94	42	19.5	20	20.5	73	♀ ad.	do
7751	"	"	143	282	88	42	17	18	19	68	♂ ad.	do
7752	"	Spatula clypeata	572	820	258	110	69	40	52	260	♂ ad.	do
7753	"	Anas cyanoptera	400	623	184	75	44	34	45	143	♀ ad.	do
7754	"	Anas discors	407	645	194	80	47	34	47	149	♀ ad.	do



Year	Month	Name	Length	Wing	Tail	Culmen	Tarsus	Middle toe & claw	Localities to Bm.	
1912	April									
7755	10	<i>Anas carolinensis</i>	388	600	184	83	38	31	44	♀ ad. Lake Palomares, Mex
7756	10	<i>Anas carolinensis</i>	376	186	185	34	28	29	42	♀ ad. do
7757	10	<i>Anas cyanoptera</i>	423	665	200	87	47	35	47	♀ ad. 112 do
7758	10	<i>Oreomystis rubida</i>	280	580	147	91	42	34	64	♀ ad. Lake Palomares, Mex
7759	11	<i>Oreomystis rubra</i>	545	915	277	110	116	118	178	♂ ad. " "
7760	12	<i>Plegadis</i>	520	910	261	101	115	87	79	♀ ad. " "
7761	12	<i>Anas xanth.</i>	275	455	147	111	22	38	36	♂ ad. " "
7762	12	"	270	471	154	113	23	39	35	♂ ad. " "
7763	12	"	278	468	155	109	22	34.5	34	♂ ad. " "
7764	12	<i>Anas strepera</i>	520	920	275	107	42	43	62	♀ ad. " "
7773	12	<i>Anas strepera</i>	570	865	265	105	42	57	182	♀ ad. " "
7774	13	<i>Callipepla squamata</i>	227	385	92	112	15	28	27	♂ ad. " "
7791	15	<i>Callipepla squamata</i>	281	395	125	94	14	36	37	♂ ad. " "
7792	15	"	282	400	125	95	14.5	34	35	♂ ad. " "
7793	15	"	275	401	127	93	14	36	37	♂ ad. " "
7794	15	"	260	385	124	85	13	32	34	♀ ad. " "
7795	15	"	282	392	125	95	13	34	38	♀ ad. " "
7796	15	"	273	392	123	88	12.5	35	36	♂ ad. " "
7799	15	"	284	400	124	90	12.5	34	36	♂ ad. " "
7799	15	"	281	393	123	95	12.5	34	36	♂ ad. " "
7799	15	<i>Poliophtila</i>								♂ ad. " "
7799	16	<i>Myiarchus cinerascens</i>								♂ ad. " "
7800	16	<i>Spizella s. arizonae</i>								♂ ad. " "
7801	16	<i>Spizella breweri</i>								♂ ad. " "
7802	16	<i>Regulus calendula</i>								♂ ad. " "
7803	16	<i>Callipepla squamata</i>								♂ ad. " "
7804	16	"								♂ ad. " "
7805	16	"								♂ ad. " "
7806	16	"								♂ ad. " "
7807	16	"								♂ ad. " "
7808	16	"								♂ ad. " "
7809	16	"								♂ ad. " "
7810	17	"								♂ ad. " "
7811	17	<i>Spizella breweri</i>								♂ ad. " "

Date	Age	Name	Length	Wing	Tail	Culmen	Tarsus	M. toe & claw	Sex	Locality to Res.	
7812	18	<i>Amphispiza biline.</i>	142	212	67	61	10.5	19.5	18	♀ ad.	Carrizillo Spring N.M.
7813	18	<i>Spizella breweri</i>	139	198	65	67	9	17.5	16	? ad.	"
7814	18	<i>Amphispiza biline.</i>	145	224	72	65	12	21	17	♂ ad.	"
7815	18	<i>Campylorhynchus brun.</i>	209	392	108	85	22.5	30	24	♂ ad.	"
7816	18	<i>Seturus parisorum</i>	219	335	109	96	21	25.5	25	♂ ad.	first bird seen this season
7817	18	"								♂ ad.	
7818	18	<i>Sylvania pusilla</i>								♂ ad.	
7819	18	<i>Pipilo fuscus megalonyx</i>								♂ ad.	
7820	18	<i>Junco caniceps</i>								♂ ad.	
7821	18	<i>Spizella breweri</i>								? ad.	
7822	18	<i>Callipepla squamata</i>								♀ ad.	
7823	18	"									
7824	18	"								♀ ad.	
7825	18	"								♂ ad.	
7826	18	"									
7827	19	<i>Myiarchus cinerascens</i>									
7828	19	<i>Campylorhynchus brun.</i>									
7829	19	<i>Spizella s. arizonae</i>									
7830	19	<i>Pipilo fuscus megal.</i>									
7831	19	"									
7832	19	"									
7833	19	<i>Picicor. boncardi</i>									
7834	19	"									
7835	19	<i>Campylorhynchus brun.</i>									
7836	19	<i>Regulus calendula</i>									
7837	19	<i>Sayornis saya</i>									
7838	19	<i>Junco oreganus?</i>									
7839	19	<i>Sylvania pusilla</i>									
7840	19	<i>Dendrocopos scal. bairdi</i>									
7841	19	<i>Trochilus alexandri</i>									
7848	19	<i>Salpinctes obsoletus</i>	158	233	75	59	20	22	19	♂	
7845	19	<i>Spizella s. arizonae</i>	138	230	73	64	9	17	18	♀	
7846	19	"	148	240	76	66	10	18	18	♂	
7847	19	"	139	220	71	65	9.5	17	16	♀	
7842	20	<i>Aquila chrysaetos</i>								♀ pullus	

Date	No.	Name.	Length	Wing	Tail	Tarsus	Middle toe	Claw	Sex	Locality & Rem.
7843	21	Harporhynchus palmeri							♂ ad.	
7844	21	Pipilo f. mesoleucus							♀ ad.	Carrizillito Spring N. Mex.
7849	22	Empidonax griseus							♂	Point No. 5 at the Corner Monument 10.6 miles W. of El Paso, Texas.
7850	22	Ardea herodias							♂	do
7851	23	Callipepla squamata							♂	do
7852	23	Myiarchus cinerascens							♂	do
7853	23	Amphispiza bilineata							♂	do
7855	24	Isophaga cyanocephala	235	380	122	94	19	32	30 ♀	do
7854	23	Xantho. xantho.	281	462	151	116	23	35	34.5 ♂	do
7856	24	" "							♂	do
7857	24	Geothlypis trichas							♂	do
7858	24	Zenaidura macroura							♂	do
7859	25	Sturnella neglecta							♀	do
7860	25	Lanius l. excubitorides							♂	do
7861	26	Isophaga cyanocephala	272	430	142	119	22	37	31 ♂ ad.	do
7862	26	Myiarchus cinerascens	281	325	105	98	20	25	18 ♂ ad.	do
7863	26	Callipepla squamata	275	400	124	93	14	32	35 ♀ ad.	do
7864	26	Dendroica auduboni							♂ ad.	do
7865	26	Callipepla squamata							♀ ad.	do
7866	26	Corvus cryptoleucus							♂ ad.	do
7867	26	Anas platyrhynchos							♂ ad.	do
7868	26	Amphispiza bilineata							♂ ad.	5th monument 49.6 m. W. of El Paso.
7869	27	Pipilo maculatus							♂ ad.	do
7870	28	Zenaidura macroura							♂ ad.	Corner monument N. Mex. 10.6 m. W. of El Paso
7871	28	Tyrannus verticalis							♂ ad.	1 km. N. of El Paso.
7872	29	Callipepla squamata	264	405	124	90	22.5	34	35 ♂ ad.	
7873	30	Cathartes aura	653	1660	535	275	26	67	90	
7874	30	Amphispiza bilineata							♂ ad.	
7875	30	Contopus richardsoni							♂ ad.	
7876	30	Amphispiza bilineata							♀ ad.	
7877	30	Dendroica coronata							♂ ad.	
7878	30	Merula migratoria							♂ ad.	
7879	30	Dendroica coronata							♀ ad.	
7880	30	Callipepla squamata							♂ ad.	

Date	No.	Name.	Length	Wing	Tail	Tarsus	Middle toe	Claw	Sex	Locality & Rem.
7880	1	Myiarchus cinerascens	264	405	124	94	12.5	34	35 ♂ ad.	
7882	1	Camptocercus v. v.	198	263	80	80	20.5	25	23 ♀ ad.	
7883	2	Dendroica auduboni	143	240	78	63	10	19	17 ♂ ad.	
7884	2	Tyrannus verticalis	219	393	125	95	25.5	19.5	20 ♀ ad.	
7885	3	Lanius ludovicianus	231	331	113	107	17	28	24 ♂ ad.	
7886	3	Dendroica auduboni	150	242	79	64	10	19	17.5 ♂ ad.	
7887	3	Turdus	197	315	105	85	13.5	29	24 ♂ ad.	
7888	3	Pipilo chlorurus	201	268	87	95	12.3	23.5	24.5	
7889	3	Myiarchus cinerascens	219	342	105	101	19	23	19	
7890	4	Cathartes aura	645	1570	510	270	32	60	78	
7891	4	Empidonax hammondi	146	225	70	65	11	17.5	15	

[illegible]



Date	No.	7615 to.	Length	Wing	Tail	Bill	Tarsus	Middle toe + claw	Locality & Remarks.
12. 7615.									
12	7615	<i>Accipiter velox</i>	289	<del>281</del> 180	157	11	46	38.	♂ El Paso, Texas. 127615. Plum. fresh juv. immatures.
	7616	<i>Linurus l. vir</i>	232	320	101	107	15	25	21. ♀
	7617	<i>Parus</i>	112	180	57	53	9	16.5	12 ?
	7618	<i>Junco</i>	161	250	84	73	11	21	19. ♂
	7619	<i>Spizella breweri</i>	139	198	64	61	9	18	16.5. ♂
	7620	<i>Ocotoris a. arenic.</i>	170	312	103	71	10.5	20	16. ♀
	7621	" " "	170	320	101	67	11.5	21	17. ♀
	7622	" " "	191	357	116	82	12.5	23	21. ♂
	7623	<i>Amphispiza brevicauda</i>	168	264	83	77	11.	23	18.5. ♀
15	7624	<i>Ocotoris</i>	183	340	<del>115</del> 81	12	21.5	19.	♂ Camp near El Paso H. malleus.
15.	7625.		206	341	110	87	17	21	19. ♂
16.	7626	<i>Amphisp. calidans</i>	146	225	71	64	11	20.5	18. ♂
16	7627.		186	328	108	70	24.	18	19. ♂
17.	7628	<i>Junco</i>	157	244	77	68	11	22	18. ?
17	7629	"	154	242	75	66	11	22	18. ♀
17	7630.	<i>Ocotoris</i>	191	350	117	83	11.5	20	17. ♂
17	7631		149	218	70	68	11	17	15.5. ?
17	7632	<i>Salpinctes</i>	152	229	75	57.5	17	21	17. ♂
20	7633	<i>Cornus yr. pl.</i>	545	1085	381	233	56	60	51. ♂ Camp near El Paso
20	7634	" " "	505	1027	35	216	49	60	44. ♀ Smelters.
20	7635	<i>Zonotrichia int.</i>	179	261	85	80	11	23	22. ♂ Cyclone trap.
20	7636	<i>Myiarchus cinerascens</i>	219	310	99	109	13	26	24. ? Galleta.
20	7637	<i>Amphispiza</i>	296	402	120	140	25	40	31. ♀ Galleta
20	7638	<i>Harporh. crissalis</i>	297	323	101	125	36	33	29. ♀ Galleta
22	7639	<i>Staph. l. bairdi</i>	186	342	111	74	21	18	18.5. ♂
22	7640	"	193	351	112	74	19.5	19.5	20. ♀
22	7641	<i>Dialia mexicana</i>	172	320	114	68	12.5	21.	20. ♂
22	7642	"	179	330	110	71	12.5	22	20. ♂
23	7643	<i>Zonotrichia interm.</i>	171	246	77	76	10.7	23	21. ♀
23	7644	<i>Sayornis sayi</i>	202	335	108	88	18.	21	16.5. ♂
23	7645	<i>Corvus cy. bl.</i>	545	1080	360	216	53	63	55. ♂
25	7646	<i>Junco</i>	163	258	86	74.5	10.5	23.	19. ♂
"	7647	"	164	240	75	71	11	22	20. ♀
"	7648	<i>Zoni inter</i>	176	249	81	79	11	26	19. ?
27	7649	<i>Sayornis sayi</i>	200	326	108	88	16	20	17.